

Notes on the birds of Honduras with special reference to the Yeguaré River Valley, Department of Francisco Morazan

Marjorie Harris Carr¹

Order: Tinamiformes

Family: Tinamidae

Crypturellus cinnamomeus (Lesson)

Rufescent Tinamou, *Gallina de monte*, *Guangaloz*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04118 MHC 208 M 21/3/46, UF04116 MHC 822 M 19/4/49, UF04117 MHC 823 F 20/4/49); Dept. El Paraíso, Río Choluteca at Danlí bridge (#321 F 11/8/46), Jamastrán Valley.

STATUS: Common breeding resident of Yeguaré River Valley.

REMARKS: They are found along the edges of streams and rivers in those places where a good sized thorn or oak scrub has developed. At sunset, in May and June, woods of this nature constantly resound with the plaintive liquid whistle of the tinamou. A favorite locality was the oak scrub border on the shore of the little Laguna San Francisco in the Yeguaré Valley.

Order: Podicipediformes

Family: Podicipedidae

Podilymbus p. podiceps (Linnaeus)

Pied-billed Grebe

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF08855 MHC 566 Mimm 22/6/48, UF08862 MHC 567 yg 22/6/48, UF08860 MHC 575 yg 23/6/48, UF08847 MHC 576 M 23/6/48,

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UF08858 MHC 600 Mjuv 26/6/48, UF08857 MHC 614 Mjuv 8/9/48, UF08856 MHC 615 M 8/9/48, UF08859 MHC 616 Fimm 8/9/48, UF08850 MHC 617 F 8/9/48, UF08851 MHC 618 F 8/9/48, UF08848 MHC 619 F 8/9/48, UF08856 MHC 620 Mjuv 8/9/48, UF08861 MHC 621 M 8/9/48, UF08849 MHC 793 M 25/2/49, UF08853 MHC 794 M 9/8/49, UF08852 MHC 903 M 9/8/49, UF08854 MHC 904 M 9/8/49.

STATUS: Very common breeding resident of Lake Yojoa.

REMARKS:

Nesting: I believe these grebes must nest every month in the year. We found downy young and all stages of juveniles in June and also in September. Archie reports downy young in November 1946 and on December 26, 1946 he found a nest on the east side of Lake Yojoa at Rancho Agua Azul. The nest was located about 45 meters from the shore in sparse maiden-cane in water about a meter deep. The nest mat was about a half meter across and made of soggy wet disintegrating leaves apparently brought up from the bottom of the lake. The nest contained three eggs and was attended by one bird which flopped around in the water trying to lead Archie away. When Archie left the eggs were uncovered but when he passed by a half hour later the eggs were neatly covered up with fresh mud plastered on top of them making a small mound. 5/8/49 - Found two nests on a floating mass of *Valisneria* roots. Three eggs measured: 44 mm x 30 mm, 45 mm x 31 mm, 45 mm x 31 mm. 9/8/49 - On north shore of Lake Yojoa we saw several pairs of grebes. One bird hopped off the nest and hurriedly covered it with *Valisneria* as we approached.

Another pair appeared to be building a nest in a floating mat of *Valisneria*.

Stomach contents: UF08852, collected near Islita on Lake Yojoa, contained a 8.8 cm fish (probably a *congo*), grebe feathers and scales of a larger fish. #903 scales of a 10 to 15 cm fish, grebe feathers and one whole clam (with calcium dissolved away).

Measurement: Males were consistently larger than females. Three juvenile males and one breeding male compared to three breeding females are as follows:

Males: Wing 120-132 mm, Exposed culmen 19.5-24 mm, Depth bill at nostril 11-13 mm, Middle toe and nail 55-58 mm.

Females: Wing 114-117 mm, Exposed culmen 17-18 mm, Depth bill at nostril 10-11 mm, Middle toe and nail 51.5-55 mm.

Color notes: Four adult birds (3F, 1M) and five juveniles (1F, 4M).

#615 M Bill pied. Chin and upper throat black, laterally bordered with white. Lower throat brownish. Chest blackish (base of feathers black, tips white). Belly white.

UF08857 Mjuv. Upper mandible dark brown with lighter spot behind and below nostril. Lower mandible light brown, darker at base and tip. Chin and throat white with one or two dark feathers. Lower throat chestnutish. Upper chest chestnut and blackish. Sides washed with chestnut. White stripings of downy young still evident on face.

UF08858 Mjuv. Same stage in development as #614 but with no chestnut. Instead coloring on throat and sides a light brown mixed with black.

UF08855 Mimm. Same as #600 but younger and with more of the baby head markings present. No chestnut coloring anywhere.

UF08859 Fimm. Same as #566.

UF08848 F Bill pied. Chin and throat black laterally, narrowly bordered with white. Lower throat brownish grey. Upper chest

blackish (feathers tipped with white). Rest of underparts blackish mottled with silvery white, darker toward vent. Cheeks concolor with lower throat.

UF08850 F Bill pied. This is the darkest of all the birds. Chin and throat black the lateral white restricted to tips of feather giving a mottled effect. Lower neck brownish grey. Cheeks darker (with more black pigment) than lower throat. Rest of underparts as in #619.

UF08851 F Bill pied. Chin and throat black bordered with whitish. Cheeks brownish grey. Lower throat greyish brown. Chest and underparts as in #617 and #619 with addition of bright brownish (not as bright as chestnut) wash on belly. Wing coverts and wings with definite brownish wash.

[genus - *Tachybaptus* - Stiles and Skutch]

Podiceps dominicus brachyterus

Chapman

Least Grebe

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River (UF04124 MHC 107 M 8/2/46), Laguna San Francisco; Dept. El Paraiso, Rio Cobre (UF04125 MHC 722 F 22/1/49).

STATUS: Breeding resident of the Yeguaré River Valley although not common.

REMARKS: In the quieter stretches of the Yeguaré and in the much smaller Rio Cobre single individuals of this little grebe have been recorded or collected in December, January and February.

Nesting: There are few places in the Yeguaré Valley suitable for this grebe. In May a pair was observed in the only permanent pond in the valley - Laguna San Francisco.

Stomach contents: The gizzard of UF04124 contained an indistinguishable mass of mud and hairs.

Order: Pelecaniformes
Family: Anhingidae

Anhinga anhinga leucogaster
(Vieillot)

Water Turkey

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River (UF04143 MHC 56 M 2/12/45); Dept. Choluteca, San Lorenzo; Dept. El Paraiso, Rio Choluteca, Rio Guayambre; Dept. Cortes, Lake Yojoa.

STATUS: A casual visitor (Dec., Jan., Feb.) to the Yeguaré River Valley. Common resident at Lake Yojoa.

REMARKS: A solitary Water Turkey will occasionally spend several weeks fishing up and down the Yeguaré River.

Stomach Contents: A small catfish, *Rhambia guatemalensis*.

Family: Phalacrocoracidae

Phalacrocorax olivaceus mexicanus
(Brandt)

Olivaceous Cormorant

SPECIMENS AND RECORDS: Dept. El Paraiso, Rio Choluteca (UF04137 MHC 74 M 16/12/45); Dept. Francisco Morazan, Yeguaré River (UF04138 MHC 834 Juv 5/6/49); Dept. Choluteca, San Lorenzo; Dept. Cortes, Lake Yojoa.

STATUS: Casual visitor to the Yeguaré River. Very common resident at Lake Yojoa.

REMARKS: At Lake Yojoa they congregate in large numbers on the trees, on the land, overhanging fairly deep water that occur on the sheer cliffs on the west side of the lake.

Family: Pelecanidae

Pelecanus occidentalis Linnaeus

Brown Pelican

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. Choluteca, San Lorenzo.

STATUS: A rare visitor to the Yeguaré River. Common at San Lorenzo.

REMARKS: On June 23, 1946 a single brown pelican was discovered sitting on the spiny leaf of a coyol palm behind our house on the E.A.P. campus. He rested here for an hour, to the considerable distress of the Great-billed Grackle colony, before flying away. On December 26, 1946, Carlos Herrero saw a pelican flying down a ravine near the peak of Uyuca at 1524 meters altitude.

Order: Ciconiiformes

Family: Threskiornithidae

Ajaia ajaja Linnaeus

Roseate Spoonbill, *Garza Cuchara*

SPECIMENS AND RECORDS: Dept. El Paraiso, Rio Choluteca (#322 Imm 10/8/46); Dept. Cortes, Lake Yojoa (UF04174 MHC 886 M 3/8/49); Dept. Choluteca, Choluteca.

STATUS: Casual visitor to the Choluteca River. Common on mud flats on inlets around Choluteca on the Pacific coast. Commonly two or three families visit the shores of Lake Yojoa.

REMARKS: At the end of July and during August 1949, several times we traveled by boat around the entire lake shore of Yojoa. Two groups of spoonbills were observed, often with a flock of ibis. Although they moved from place to place during the weeks we were there only two groups were found one, a pair of adults and a second, a pair of adults accompanied by three immature birds. When approached the young were more wary and would fly up and circle over the staid flock of ibis and the two adult spoonbills. When we came close to the flock the

old spoonbills took wing uttering a subdued "cuck-cuck-cuck".

Family: Ciconiidae

Mycteria americana Linnaeus

Wood Stork

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#31 M 2/11/45); Dept. El Paraiso, Nime; Dept. Cortes, Lake Yojoa; Dept. Choluteca, San Lorenzo.

STATUS: Solitary visitor to the Yeguaré River Valley. Common residents of Lake Yojoa.

REMARKS: In October and November 1945 one bird lived in the slough of Madre Vieja. In June and July 1949 a single bird lived in the little pond, Laguna San Francisco. During March, April and May 1947 a large flock lived on a grassy marsh near Nime. At Lake Yojoa flocks of these handsome, dignified storks were to be found, in the afternoon, on the mud flats of a shallow inlet. They would move along with half-opened beaks submerged, probing and feeling in front of each advancing foot.

Family: Ardeidae

Ixobrychus e. exilis (Gmelin)

Least Bittern

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04163 MHC 569 M 23/6/48).

STATUS: Resident of Lake Yojoa.

REMARKS: Fairly common along the marshy east of the lake.

[genus - *Trigisoma* - Stiles and Skutch]

Heterocnus m. mexicanus (Swainson)

Mexican Tiger Bittern

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04166 MHC 685 M 29/12/48, UF04167 MHC 136 M Imm

24/2/46, #830 M 24/5/49); Dept. Cortes, Lake Yojoa (UF04168 MHC 891 Imm 5/8/49); Dept. Choluteca, Choluteca.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Fairly common in the tributaries of the Yeguaré and in the little Laguna San Francisco.

Nycticorax nycticorax hoactli
(Gmelin)

Black-crowned Night Heron

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#47 Imm 19/11/45).

STATUS: Summer resident of the Yeguaré River Valley.

REMARKS: Found in slough at Madre Vieja and around Laguna San Francisco.

Butorides virescens maculatus
(Boddaert)

Southern Green Heron

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04153 MHC 276 F 5/5/46); Dept. Cortes, Lake Yojoa.

STATUS: Uncommon resident of the Yeguaré River Valley. Common resident of Lake Yojoa.

[genus - *Egretta* - Stiles and Skutch]

Florida caerulea (Linnaeus)

Little Blue Heron

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River; Dept. Cortes, Lake Yojoa; Dept. Choluteca, Choluteca River at Choluteca and San Lorenzo.

STATUS: Common resident of the Yeguaré River Valley.

[genus - *Egretta* - Stiles and Skutch]

Hydranassa tricolor ruficollis
(Gosse)

Tricolored Heron

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa; Dept. Choluteca, San Lorenzo.

STATUS: Common resident at Lake Yojoa.

Egretta t. thula (Molina)

Snowy Egret

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa.

REMARKS: Common resident at Lake Yojoa.

Casmerodius albus egretta (Gmelin)

Common Egret

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa; Dept. Choluteca, San Lorenzo, Rio
Choluteca; Dept. Francisco Morazan, Yeguaré
River Valley.

STATUS: Visitor to Yeguaré River in February
and April 1946. Common resident at Lake
Yojoa.

Ardea herodias Linnaeus

Great Blue Heron

SPECIMENS AND RECORDS: Dept. Francisco
Morazan, Yeguaré River Valley; Dept. Cortes,
Lake Yojoa.

STATUS: Rare visitor to the Yeguaré River
Valley. Common at Lake Yojoa.

REMARKS: Recorded at Lake Yojoa October and
December 1945 and April 1946.

Order: Anseriformes

Family: Anatidae

[genus - *Anas* - Stiles and Skutch]

Spatula clypeata (Linnaeus)

Northern Shoveler

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa, 12/45.

STATUS: Common winter visitor to Lake Yojoa.

Aythya collaris (Donovan)

Ring-necked Duck

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa, 12/45.

STATUS: Common winter visitor to Lake Yojoa.

Anas acuta Linnaeus

Northern Pintail

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa, 9/12/45.

STATUS: Common winter visitor to Lake Yojoa.

[genus - *Anas* - Stiles and Skutch]

Mareca americana (Gmelin)

American Widgeon

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa, 9/12/45.

STATUS: Common winter visitor to Lake Yojoa.

Anas discors Linnaeus

Blue-winged Teal

SPECIMENS AND RECORDS: Dept. Cortes,
Lake Yojoa, 9/12/45.

STATUS: Common winter visitor to Lake Yojoa.

Dendrocygna autumnalis (Linnaeus)Black-bellied Whistling-duck, *Pichichi*

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04178 MHC 568 M 23/6/48, UF04179 MHC 836 F 5/6/49, #835 M 5/6/49, #837 F 5/6/49).

STATUS: Breeding resident at Lake Yojoa.

Dendrocygna bicolor (Vieillot)

Fulvous Whistling-duck

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (#881 F 1/8/49, #882 F 1/8/49, #911 12/8/49, UF08865 MHC 918 M 16/8/49).

STATUS: Breeding resident at Lake Yojoa.

Cairina moschata (Linnaeus)Muscovy Duck, *Pato Real*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River (UF04180 MHC 118 M 9/2/46); Dept. Cortes, Lake Yojoa (UF01611 MHC 417 U 23/6/48); Dept. Valle, San Lorenzo; Dept. El Paraiso, Choluteca river at Danli bridge.

STATUS: Breeding resident of the Yeguaré River and Lake Yojoa.

REMARKS: At least three flocks of these handsome ducks lived along the Yeguaré River. A flock of 12 to 15 birds whose territory was nearest our home was made up of 3 or 4 old males, 3 or 4 young males and 6 to 7 females. This flock had several favorite large fig and *guanacaste* trees along the edge of the river where, in the heat of the day, they could generally be found. Their favorite roost at night was several large figs, growing close together, whose clean horizontal limbs stretched completely across a narrow stretch of the Yeguaré. For food these ducks depended extensively on the corn and *maicillo* fields grown on the river flood plain.

Breeding: On August 21, 1946, a female and four downy young were seen swimming in a protected cove of the Yeguaré.

Order: Falconiformes

Family: Cathartidae

Sarcoramphus papa (Linnaeus)

King Vulture

SPECIMENS AND RECORDS: Dept. El Paraiso, Choluteca River at Danli bridge; Dept. Francisco Morazan, Yeguaré River Valley.

STATUS: Resident of Yeguaré River Valley.

REMARKS: Occasionally seen sailing high over the valley and once found feeding on a small beach of the Yeguaré River.

Coragyps atratus (Bechstein)Southern Black Vulture, *Zopilote*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. El Paraiso; Dept. Choluteca; Dept. Cortes.

STATUS: Very common resident of the Yeguaré River Valley.

REMARKS: *Zopilotes* were so numerous around the school as to be a distinct nuisance. Hundreds were always congregated on the ridge pole of the abattoir and on the trees surrounding the garbage dump. In addition they would tear open individual garbage cans and walk around the back yards like ugly chickens. They occasionally would invade the children's play yard to peck at a toy or scrap of cracker dropped there. Once a tug-of-war developed between one bold zope on one end of a meter long piece of rope and Chuck, our two year old son, on the other. Several other zopes stood around hissing and threatening.

Cathartes aura (Linnaeus)

Turkey Vulture

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. Choluteca.

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: The Turkey Vulture rarely joined the hordes of black vultures that eternally waited around the school or clustered thickly along the shore near the fish houses of San Lorenzo. However, they were often seen sailing over the potreros and very often solitary birds were encountered sailing over the *hondonadas* and clearings in the pine woods up to the peaks of the mountains.

Family: Pandionidae

Pandion haliaetus carolinensis
(Gmelin)

Osprey

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River.

STATUS: Uncommon migrant to the Yeguaré River Valley.

REMARKS: Seen over river March 10 and April 18, 1946.

Family: Acciptridae

Leptodon cayanensis (Latham)

Grey-headed Kite

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF01604 MHC 435 F 25/6/48).

STATUS: Resident of the area.

Geranospiza caerulescens nigra (Du Bus)

Crane Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04258 MHC 388 F 20/9/46).

STATUS: Uncommon resident of the Yeguaré River Valley.

REMARKS: On September 20, 1946 one was found flying around the coyol palms on the campus of the EAP. It would fly close up under

the leaves of the palms and occasionally hold on to the dry hanging leaves. The anis nesting in these trees were greatly disturbed. Possibly it was hunting their nests although when collected the specimen contained nothing in the crop and gizzard.

Circus cyaneus hudsonius (Linnaeus)

Northern Harrier

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#64 M 10/12/45, #121 F 15/11/45), 10/12/45.

STATUS: Common winter visitor to the Yeguaré River Valley.

REMARKS: Often seen quartering over the *potreros*.

Stomach contents: #64 - parts of small mammal and a bird.

Buteogallus a. anthracinus (Deppe)

Common Black-hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#5 M 28/7/45, #496 F 12/5/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Common in the gallery forest along the river and in the edge of the woods around the valley rim.

Plumage notes: Edging of leg feathers browner in #5 than in #496.

Buteo jamiacensis kemsiesi

Oberholser

Red-tailed Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04230 MHC 319 M Imm 6/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the pine woods up to the cloud forest. Often seen sailing over the *hondonadas* in the pine woods and occasionally visiting the valley. The one collected was shot in the vicinity of the chicken yards of EAP.

Buteo albicaudatus hyospodius
Gurney

White-tailed Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04239 MHC 302 F 3/7/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the pine woods. Often seen sailing high over the *potreros* of the valley. The female collected was shot while flying low over a field of EAP.

Buteo nitidus plagiatus (Schlegel)

Grey Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04244 MHC 62 9/12/45, UF04243 MHC 711 F 21/1/49, UF04247 MHC 312 F Imm 3/8/46, UF04245 MHC 499 M 15/5/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Prefers the galley forest along the river and small creeks.

Stomach contents: #711 - an eel, part of a rat, several grasshoppers.

Breeding: On March 10, 1946 a female contained yolks the size of marbles. This bird was very fat.

Buteo magnirostris direptor Peters
and Griscom

Roadside Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04253 MHC

55 2/12/45, UF04252 MHC 95 M 29/1/46, #499 M Imm 15/5/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in well developed hedgerows and along creeks.

Stomach content: Many grasshoppers. One bird was killed while eating a large rat and a lizard was found in its gizzard.

Accipiter chionogaster Kaup

White-breasted Hawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valle (UF04221 MHC 241 M 7/4/46, UF04223 MHC 243 M 7/4/46, UF04222 MHC 3 F 26/7/45, UF04227 MHC 681 F Imm 24/11/48, UF04228 MHC 796 27/2/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the pine woods and cloud forest. The female, UF04222, when collected near a hedge row in a *potrero*, had a freshly killed orchard oriole in its talons. Several times White-breasted Hawks were seen inside the cloud forest. One came up readily as Archie sat at the edge of small clearing in the forest and squeaked.

Bursarellus n. nigricollis (Latham)

Black-collared Hawk

SPECIMENS AND RECORDS: Dept. Cortes, Agua Azul, Volcan, 853 meters altitude (#800 M 10/1/49).

STATUS: Resident of the area.

Leucopternis albicollis costaricensis
Sclater

White Hawk

SPECIMENS AND RECORDS: Dept. Cortes, Islita, Lake Yojoa, 640 meters altitude (#799 M Imm 10/1/49).

STATUS: Resident of the area.

Family: Falconidae
[genes - *Polyborus* - Stiles and Skutch]

Caracara plancus audubonii (Cassin)

Crested Caracara

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. El Paraíso, Choluteca river at Danli bridge; Dept. Choluteca, San Lorenzo.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found on the grassy llanos of Doña Rosa and Las Mesas.

Herpetotheres cachinnans (Linnaeus)

Laughing Falcon, *Guaco*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04260 MHC 97 M 1/2/46, #98 F 1/2/46, #606 F 10/7/48, UF04259 MHC 863 F 29/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Fairly common on the potreros and up into the open pine woods. On February 1, 1946 a pair was calling back and forth as they hunted in the trees along the edge of a potrero. The male's voice was higher pitched than that of the female.

Stomach Contents: UF04260 contained one snake, *Stenorhina dogenhardti*, locally called *guarda camino*. #98 - one snake, *Stenorhina dogenhardti*.

Falco sparverius tropicalis (Griscom)

Tropical Kestrel

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#96 M 22/1/46, UF08879 MHC 299 F 28/7/46, #625 F 6/25/48; Dept. El Paraíso, Las Mesas (UF04286 MHC 839 F 12/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Although this little hawk prefers the pine woods it will come down into the valley when an abundant food supply is found there as for example in the fall and winter of 1946 when the rat population in the potreros increased suddenly.

Stomach Contents: UF04286 - gizzard filled with grasshoppers.

Falco s. sparverius Linnaeus

American Kestrel, *Lislique*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, (UF04284 MHC 145 F 6/3/46, UF04283 MHC 146 F 6/3/46, UF04282 MHC 625 F 20/10/48, #402 F 19/10/46).

STATUS: Common winter resident of the Yeguaré River Valley.

REMARKS: The kestrel is usually confined to the valley in the potreros and along the roads near the school. There appeared to be more females than males present. UF04282 was appreciably smaller than the other specimens.

10/10/45 three eating insects on telephone poles.
11/10/45 three kestrels observed.
18/10/45 many present.
11/11/45 many present.
1/12/45 many present.
3/1/46 few present.
6/3/46 many females eating baby chicks at the school poultry yard.

Falco r. ruficularis Daudin

Bat Falcon

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04274 MHC 358 U 31/8/46, UF04276 MHC 403 M 20/10/46); Dept. Cortes, Lake Yojoa (UF04273 MHC 905 9/8/49).

STATUS: Uncommon resident of the Yeguaré River Valley. Fairly common at Lake Yojoa.

REMARKS: Only one of these falcons was seen in the valley during our entire four years. It was pursuing a pair of Ruddy Ground Doves at the edge of a *potrero* in the late afternoon. At Lake Yojoa on October 10, 1946, Archie saw one of these falcons diving and swooping at a grebe with two downy chicks.

Stomach contents: UF04276 - remains of a bat in the gizzard. UF04273 - parts of a dragonfly.

Order: Galliformes
Family: Phasianidae

Cyrtonyx ocellatus (Gould)

Honduras Ocellated Quail

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04316 MHC 399 M 8/10/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the pine woods. Scattered small coveys of these beautiful quail were encountered several times in the pine woods on the hills surrounding the valley. In October 1946 we came upon 5 feeding on a hillside where the ground orchid *Pogonium* was growing. An area of around 9 by 12 meters had been extensively turned over and half eaten while bulbs of the orchid were strewn about. They apparently use their beaks as well as their feet for digging for the one collected had thick deposits of soil on his bill.

Colinus cristatus sclateri
(Bonaparte)

Crested Bob White, *Codorniz*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04305 MHC F 10/3/46, UF04304 MHC 152 M 10/3/46, UF04309 MHC 153 M 10/3/46, UF04310 MHC 825 F 22/4/49, #826 F 22/4/49, #525 F 2/6/48, UF04306 MHC 416 F 6/6/47, #28 F 28/10/46, #825 F 22/4/49); Dept. El Paraiso, Choluteca River Valley (#542 M 8/6/48, UF04307 MHC 543 F 8/6/48, UF04306 MHC 508 F 19/5/48).

STATUS: Common resident of the Yeguaré River Valley and occasionally found in open fields in the pine woods.

REMARKS: Prefers the *potreros* and fields of corn and *maicillo*; occasionally found in open fields in the pine woods.

Nesting: Yeguaré River Valley:

13/1/46 Covey recorded.
18/4/46 Birds started calling
24/4/46 Still in covey
29/4/46 Still in covey
7 & 8/46 Nests with eggs found in *potreros*.
12/9/46 Day old quail found in *carbonal*
Lake Yojoa:

27/7/49 In a cut over field near the lake collected female with developing eggs.

7/8/49 A pair with newly hatched young found in an open ravine leading up to a mahogany planting.

Family: Cracidae

Penelope p. purpurascens Wagler

Crested Curassow, *Pahuil*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, San Juancito (UF04289 MHC 432 F 29/6/47); Dept. El Paraiso, Montserrat.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Restricted to the cloud forest. A pair of these birds were found feeding on the ripe berries on a small tree in the cloud forest on San Juancito, altitude 2137 meters.

[genus - *Chamaepites* - Stiles and Skutch]

Penelopina nigra (Fraser)

Black Guan

SPECIMENS AND RECORDS: Dept. El Paraiso, Mt. Chili, altitude 1859 meters (#495 F 5/3/48).

STATUS: Uncommon resident of the cloud forest.

REMARKS: Color of soft parts (#495): legs and feet reddish orange; throat, red. Small, developing eggs present.

Ortalis vetula plumbeiceps (Gray)

Plain Chachalaca

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04298 MHC 824 M 21/4/49, UF04299 MHC 170 F 11/3/46); Dept. Cortes, Amapa Valley (#602 F 24/6/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Prefers oak and *carbonal faldas* at edge of valley although occasionally found in the tangled growth on the river *vega*.

Order: Gruiformes

Family: Rallidae

Fulica a. americana Gmelin

American Coot

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (#565 M 22/6/48, #564 F 22/6/48).

STATUS: Resident of Lake Yojoa.

REMARKS: Collected or seen at the lake June, July and August.

Gallinula chloropus cachinnans

Bangs

Common Gallinule

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (#892 F 6/8/49).

STATUS: Very common resident of Lake Yojoa.

REMARKS: Very common in marshy east shore of lake.

Breeding: Common Gallinules were nesting in August 1949. Six nests were examined. The nests were all located at the edge of the marsh, 1.5 or 1.8 meters from the edge of the vegetation where the water was only 2.5 cm or

5 cm deep. The nests were a well constructed platform of sedge stems and leaves, around .3 meters in length, with a basin hollowed out on top of the platform. The nests were not particularly well hidden and the nest mass could easily be seen from a boat cruising along the shore. A pair of birds attended each nest. From 3 to 6 eggs were found in each nest. The eggs were creamy white with chocolate brown spottings. Measurements of five eggs: 47x31 mm, 47x31 mm, 47x32 mm, 46x32 mm, 44x31 mm.

Porphyryla martinica (Linnaeus)

Purple Gallinule

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa.

STATUS: Resident of Lake Yojoa.

REMARKS: Not as numerous as the Common Gallinule but seen the year round.

Laterallus ruber (Sclater and Salvin)

Ruddy Crane

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04335 MHC 788 24/2/49).

STATUS: Resident of Lake Yojoa.

REMARKS: Found in marshy edge of lagoon near Jaral.

Aramides cajanea pacifica Miller
and Griscom

Gray-necked Wood-rail

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04330 MHC 790 25/2/49).

STATUS: Resident of Lake Yojoa area.

REMARKS: Found walking along a small stream in a tree swamp near Pito Solo.

Aramus quarauna dolosus PetersLimpkin, *Margarita*

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04326 MHC 588 M 25/6/48, UF04325 MHC 587 F 25/6/48).

STATUS: Resident of Lake Yojoa.

REMARKS: Very common in the marshy edges of Lake Yojoa.

Order: Charadriiformes

Family: Charadriidae

Charadrius v. vociferus Linnaeus

Killdeer

SPECIMENS AND RECORDS: Dept. Morazan, Yeguaré River Valley (#135 F 23/2/46).

STATUS: Winter visitor to Yeguaré River Valley.

REMARKS: #135 was extremely fat.

Family: Laridae

Chilidonias niger surinamensis
(Gmelin)

Black Tern

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, 643 meters altitude. (UF04421 MHC 888 F 2/8/49, UF04420 MHC M 2/8/49).

STATUS: Presumed migrant to the area.

REMARKS: Several observed in the middle of Lake Yojoa.

Family: Jacanidae

Jacana s. spinosa (Linnaeus)

Northern Jacana

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04344 MHC 594 M 26/6/48, #791

M 25/2/49); Dept. Francisco Morazan, Yeguaré River Valley 4/6/47.

STATUS: Common resident of Lake Yojoa. A rare visitor to the Yeguaré River Valley.

REMARKS: One of the most common marsh birds of Lake Yojoa. They are most commonly seen hunting along the narrow muddy beach at the marsh edge, but on one occasion a large flock was seen feeding near some grazing cows on a meadow near the outlet of Lake Yojoa at Pito Solo. These birds would fly in a body from one part of the pasture to another and in their custom, on alighting, all would hold their open wings over their backs for moments before closing them. Apparently they were feeding on insects kicked up by the feeding cows and they reminded us of the snowy egrets of Florida which delight in hunting close to grazing cattle.

Nesting: Jacanas were nesting in July and August 1949, at Lake Yojoa. At this time there were young of all ages accompanied by adult males. During our month's stay we were out on the lake almost daily and soon recognized many individuals birds. The courting behavior of one male who had his station near a small inlet are recorded in my field notes.

July 21, 1949, 4:30 p.m. Cove at south end of lake. A male jacana, #A, was hunting perfunctorily on a small island of stranded hyacinths, about a meter square, at the edge of the inlet. Every few minutes he called and raised his wings vertically. In ten minutes a female flew up, landed some 4.5 meters from the male and called and displayed her wings. At this time a second male alighted near the female. The first male immediately flew over and with head thrust forward drove the second male away. The first male then immediately mounted the female. In copulation the male kept his wings held vertically and called continuously. After 25 wing strokes the male dismounted and the pair walked slowly around for a few minutes whereupon the male again mounted the female for approximately the same length of time. Again he dismounted for a few minutes and then for a third time mounted the female.

At the end of this time he dismounted and each of the pair flew off in opposite directions. In five minutes the male returned to his original station, called, displayed and performed a stamping or scratching similar to that of a rooster.

July 25, 1949, 8:30 a.m. Male, #A, not on his station but hunting with a half grown young on a narrow mud beach some yards away.

July 23, 1949, 3:00 p.m. Male jacana, #A, present at his station. Again he was calling and displaying his wings as he casually hunted over some stranded water hyacinths. At 5:00 p.m. a female arrived and the male, with no preliminaries, mounted her. In cop the female held her head low with her bill extended parallel to the ground. She slowly moved her head from side to side. Male again beat his wings vertically and called.

July 28, 1949, 5:00 p.m. Male jacana, #A, present at his station on the islet of hyacinths. The water has receded and there is now a small mud beach surrounding his station. He called, displayed his wings and stamped his feet intermittently. At 5:30 a female alighted about a meter away from him. She immediately assumed the crouched copulatory position with head lowered parallel to the ground. The male immediately left his station, approached the female and stood perfectly still for a few moments with his head lowered, apparently watching the female. He then mounted the female, beat his wings, called, dismounted for a few minutes and then mounted again. This was repeated six times. The female then flew back along the marsh in the direction from which she had come. Very shortly she was seen hunting along the edge of the beach in company with another male. The first male, #A, bathed in water at the edge of his islet and continued his intermittent calling, displaying and stamping. At 6:00 p.m. a second female walked out of the marsh directly behind his station. The male, #A, immediately mounted her and repeated the act three times. The pair then walked slowly around the floating beds of *chara*. In a few minutes both birds flew off together. The

male returned to his station in five minutes and continued calling and displaying. At 7:00 p.m., when it was nearly dark, he disappeared into the marsh grass behind his station.

August 6, 1949, 5:00 p.m. Male, #A, appeared on his station. Again he called and displayed. Today he appeared to be either adding to his islet stand or building a nest. After calling he would walk to the edge of the islet and pull up onto his little hyacinth raft pieces of floating *chara* and other segments of submerged vegetation. He would then tug these pieces to the center of the islet and then carefully tread on them. He also pulled off pieces of the marsh grass and placed them on the center of the mat. This activity was interspersed with feeding and bathing. No female arrived and at 5:45 p.m. he flew over to a beach several yards away and joined a half grown young jacana, apparently his own for the two hunted closely together.

Nest: On August 5, 1949 we discovered a jacana nest built at the edge of a marsh of sedge. The nest was a slightly hollowed platform of *valisneria* roots laid on the soft mud in water about 5 cm deep. A male jacana was attending the nest which contained 4 eggs. The eggs were colored dark cream heavily streaked and blotched with black. On either side of the nest and about 3 meters away were active nests of two common gallinules. Measurements of 4 jacana eggs: 31x24 mm, 31x23 mm, 30x23 mm, 31x24 mm.

Family: Burhinidae

Burhinus bistriatus vigilans van Rossem

Double-striped Thick-knee, *Alcaraban*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. El Paraíso, Las Mesas.

STATUS: Fairly common resident of the Yeguaré River Valley.

REMARKS: Often found on Doña Rosa's llano and on the plains of Las Mesas. These gentle birds are often sold in the market in Tegucigalpa since they are valued as household/patio pets because they eat cockroaches and other insects. Captive birds are fond of chopped meat.

Family: Scolopacidae

Bartramia longicauda (Bechstein)

Upland Plover

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valle (UF04363 MHC 385 M 7/9/46).

STATUS: Transient in Yeguaré River Valley.

REMARKS: This specimen stopped over for several days in boggy pasture land.

Erolia melanotis (Vieillot)

Pectoral Sandpiper

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04379 MHC 277 5/5/46).

STATUS: Transient in Yeguaré River Valley.

Actitis macularia (Linnaeus)

Spotted Sandpiper

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valle (UF04368 MHC 54 M 1/12/45, UF04369 MHC 203 F 19/3/46, UF04370 MHC 356 28/8/46); Dept. El Paraiso, Choluteca river at Danli bridge (#326 M 10/8/46, #323 F 10/8/46).

STATUS: Common winter resident of the Yeguaré River Valley.

REMARKS: Except in June and July these little sandpipers were to be found hunting, usually solitary, along the narrow beaches of the Yeguaré River.

Gallinago gallinago (Linnaeus)

Common Snipe

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04360 MHC 628 F 4/11/48).

STATUS: Mid-winter visitor to the Yeguaré River Valley.

REMARKS: During November and December they are common in the flooded pastures in the valley or in high boggy llanos.

Order: Columbiformes

Family: Columbidae

Geotrygon albifacies silvestris
(Dickey and van Rossem)

White-faced Quail-dove

SPECIMENS AND RECORDS: Dept. El Paraiso, Monserrat (UF04472 MHC 494 M 5/3/48); Dept. Francisco Morazan, San Juancito, La Tigra (UF01614 JCD F 22/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the cloud forest and adjacent *guamil*. UF04472 was one of a pair walking quietly along in a very dense woods. This specimen had one large teste. On May 22, 1948 a pair was found hunting in the thick *guamil* on the edge of the cloud forest of San Juancito.

Stomach contents: #494 crop filled with small black seeds.

Leptotila verreauxi bangsi Dickey
and van Rossem

White-tipped Dove

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04468 MHC 99 M 2/2/46); Dept. El Paraiso, Rio Cobre (UF04466 MHC 718 F 22/1/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the well developed thorn scrub.

Stomach contents: Insect parts.

[genus - *Columbina* - Stiles and Skutch]

Scardafella inca (Lesson)

Inca Dove

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Choluteca River Valley (#334 M 11/8/46); Dept. Francisco Morazan, Yeguaré River Valley (#866 M 6/7/49, UF04458 MHC 867 F 6/7/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Commonly found in small flocks in the *potreros* and surrounding hillsides.

[genus - *Columbina* - Stiles and Skutch]

Columbigallina talpocati rufipennis
(Bonaparte)

Ruddy Ground-dove

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#26 F 27/10/46, #294 M 25/7/46, #295 F 25/7/46, UF04448 MHC 734 M 27/2/49, UF04450 MHC 859 F 22/6/49, UF04449 MHC 868 F 28/6/49).

STATUS: Very common resident of the Yeguaré River Valley.

REMARKS: Often found in the *potreros* and in the surrounding hillsides. This was one of the most common birds on the campus of the EAP. Small flocks were to be seen feeding on the lawns and around the livestock pavilion. On campus they preferred to place their nests on the dried lower leaves of the coyol palm. Apparently they breed the year round.

Nesting:

20/9 pair in cop.
14/10 eggs hatching in nest in coyol palm

27/10 female with eggs ready to be laid
10/11 female brooding on eggs in nest in coyol palm
3/1 young just leaving nest
11/5 female on nest with one egg in *madre cacao* tree - 1.5 meters from the ground
26/5 female sitting on 2 eggs in nest on dry coyol leaf - 1.8 meters from the ground

Claravis pretiosa (Ferrari-Perez)

Blue Ground-dove

SPECIMENS AND RECORDS: Dept. Cortes, Amapa, 1898 meters altitude (#UF04460 MHC 82 M 25/6/48).

STATUS: Resident of the area.

[genus - *Columbina* - Stiles and Skutch]

Columbigallina passerina (Linnaeus)

Common Ground-dove

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04445 MHC 22 M 27/10/45, UF04444 MHC 797 Imm 27/2/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Often found in the *potreros* and surrounding hillsides. Not as common on campus of EAP as *rufipennis*. They are usually found in pairs.

Nesting: A pair seen in cop May 10.

Zenaida a. asiatica (Linnaeus)

White-winged Dove, *Ala Blanca*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#324 M 10/8/46, #758 M 13/2/49, UF04439 MHC 846 F Juv 15/6/49, UF04440 MHC 847 M Juv 15/6/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS:

Breeding:

- 26/1 young just leaving nest
 27/3 building nest in coyol palm
 29/4 2 young leaving nest in coyol palm
 1/5 several young just barely able to fly
 6/7- young just leaving nest.

Zenaida macroura (Linnaeus)

Mourning Dove

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#41 Imm 19/10/45).

STATUS: Common winter resident of Yeguaré River Valley.

REMARKS: These doves first appeared on October 17 and daily increased in numbers until flocks of hundreds were present by the middle of November. They fed chiefly in the corn fields along the river bottom. When the upland rice ripened they were such a menace that platforms were built in the rice fields on which small boys perched equipped with a bag of small stones to throw at and thus scare off the great flocks of hungry doves. Until the doves disappeared at the end of April they constituted one of the most common birds of the valley.

Sightings:

- 19/10/45 three doves seen
 22/11/45 many doves present
 6/1/46 many doves present
 18/4/46 doves present
 30/4/46 doves present
 17/10/46 one dove seen
 22/10/46 few more doves present
 18/4/48 many doves present
 22/4/49 many doves present

Columba f. flavirostris Wagler

Red-billed Pigeon, *Morena*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#171 M 10/3/46, #775 M 17/2/49, UF04433 MHC 861 M 26/6/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Not commonly found in large flocks. Prefers the forest along the river and on the edge of the *potreros*.

Breeding: On January 13 a female contained an egg complete with shell. On January 20 another female was found containing a shelled egg.

Stomach contents: One crop filled with the berries of a *melastomadae*.

Columba fasciata Say

Band-tailed Pigeon

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, slopes of Uyuca (UF04431 MHC 242 M 7/4/46, UF04430 MHC 246 7/4/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the pine woods and the cloud forests. Often found in flocks sitting in tall trees in the cloud forest or swooping down through the *hondonadas* in the pine woods.

Order: Psittaciformes

Family: Psittacidae

Ara macao (Linnaeus)

Scarlet Macaw, *Lapa*, *Guacamaya*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley; Dept. Cortes, Lake Yojoa; Dept. El Paraiso, Choluteca River Valley (UF04491 MHC 712 M 23/1/49, #78/45).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Daily seen flying across the Yeguaré River Valley. Occasionally a pair would be found feeding in the big trees along the river edge. Several times a large flock was observed feeding in pine trees at an altitude of 1067 meters.

Feeding: Crop of UF04491 was filled with *maicillo*.

Ara ambigua (Bechstein)

Green Macaw, *Guacamaya*

SPECIMENS AND RECORDS: Dept. Olancho, near Juticalpa.

STATUS: Resident of the Olancho Valley.

REMARKS: A pair seen in the Olancho Valley. Said by residents to be more common there than *Ara macao* which is also found there. The birds were flying low over the valley where it is about five kilometers in width. This valley is bounded on the east (?) with wet monsoon forest on the hillsides which merge with the cloud forest on the peaks and with the gallery forest along the Patuca River.

Amazona ochrocephala (Gmelin)

Yellow-naped Parrot

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran Valley; Dept. Choluteca, San Lorenzo.

STATUS: Resident of Jamastran Valley and the coast at San Lorenzo.

REMARKS: Very common along Pacific coast and in the Jamastran Valley. Often sold in the market in Tegucigalpa. Usually seen flying in pairs.

Amazona albifrons nana Miller

White-fronted Parrot, *Papagallo*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#150 M 8/3/46, #70 F 18/12/45, #29 F 1/11/45); Dept. El Paraiso, Choluteca River Valley (UF04486 MHC 714 M

23/1/49, UF04487 MHC 713 F 23/1/49, UF04488 MHC 730 F 23/1/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Very common in the river valleys, especially along the *vega*. Flocks were continuously moving around.

Feeding: Crops of UF04487 and UF04486 were filled with *maicillo*.

Amazona autumnalis (Linnaeus)

Red-lored Parrot

SPECIMENS AND RECORDS: Dept. Cortes, Amapa (UF04483 MHC 577 F 13/11/48).

STATUS: Apparent common resident of the rain forest in the area.

Brotogeris j. jugularis (Muller)

Orange-chinned Parakeet

SPECIMENS AND RECORDS: Dept. Choluteca, San Lorenzo.

STATUS: Resident on the Pacific coast.

REMARKS: Common in flocks along the Pacific coast. Easily tamed and thus often sold in the market in Tegucigalpa.

Aratinga holochlora rubritorgues

Orange-throated Parakeet

SPECIMENS AND RECORDS: Dept. El Paraiso, Las Mesas (#841 M 12/6/49, UF04479 MHC 840 F 12/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers high pine woods to the valley floor.

Aratinga c. canicularis (Linnaeus)

Orange-fronted Parakeet

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04474 MHC

524 F 31/5/48); Dept. El Paraiso, Choluteca Valley (#725 M 23/1/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the valley and surrounding hillsides but nests and apparently sleeps in the termite nests that are common in the well developed thorn scrub.

Order: Cuculiformes
Family: Cuculidae

Piaya cayana (Linnaeus)

Squirrel Cuckoo, *Pajaro Bobo*, *Pajaro Dormilon*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#210 F 2/#/46, #160 F 10/3/46, UF04501 MHC 367 M 3/9/46, UF04500 MHC 526 F 2/6/48, UF04502 MHC 642 F 13/11/48, UF04498 MHC 731 F 27/1/49, UF04499 MHC 862 F 26/6/49); Dept. El Paraiso, Monserrat.

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Very common in the gallery forest along the Yeguaré River and along the tributary creeks. Has also been seen, several times, up in the cloud forest at 1829 meters.

Nesting: #160 contained ova the size of marbles, 10/3/46. In June 1949 a pair was seen for several days in the same territory along the *vega* of Rio de la Orilla.

Coccyzus americanus (Linnaeus)

Yellow-billed Cuckoo

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04495 MHC 643 F 13/11/48).

STATUS: Uncommon migrant to the Yeguaré River Valley.

REMARKS: The only one collected was in a *molínea* tree beside the road near the EAP.

Morococcyx e. erythropygus
(Lesson)

Lesser Ground-cuckoo

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#94 M 29/1/46, UF04513 MHC 249 M 7/4/46, UF04514 MHC 842 F 12/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Not abundant. Prefers scrubby hillsides and hedgerows. One was caught in a small snap-type rat trap.

Feeding: #94 had grasshopper parts in his gizzard.

Geococcyx velox longisignum Moore

Lesser Road-runner, *Alma de Perro*, *Tanuno*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#169 F 11/3/46, UF04517 MHC 655 F 18/11/48); Dept. El Paraiso, Las Mesas (UF04518 MHC 762 F 13/2/49), Choluteca River Valley (UF04519 MHC 715 F 23/1/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the oak *falda*, roadside hedges and the thorn scrub up on the hillsides.

Nesting: On May 26, 1946 we found a nest built in the top of an acacia tree at the edge of Dona Rosa's *llano*. The deep nest was about 1.8 meters from the ground and was made of grass and straw. One dull white egg and one newly hatched young were present. The attending parent bird remained in the nest until we came up quite close.

Crotiphaga s. sulcirostris Swainson

Groove-billed Ani, *Pijuil*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04508 MHC 732 M 27/1/49, UF04509 MHC 702 M 14/1/49,

UF04511 MHC 634 M 6/11/48, #745 M 3/1/49,
UF04510 MHC 157 F 10/3/46).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Very common along the hedgerows and potreros and along the river *vega*.

Nesting: Adult carrying food in bill 13/8/45. Young just leaving nest in coyol palm and still being fed by parent bird 18/9/46. Active nest in coyol palm in our backyard 29/8/46.

Plumage: Adult molting 21/10/48.

Order: Strigiformes
Family: Strigidae

Otus tricopsis pumulis Moore and
Peters

Screech Owl, *Saracoco*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04526 MHC 531 M 5/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: In June the one specimen collected was first noticed by the commotion caused by a flock of noisy, excited *zanates* on the campus of the EAP. On a few occasions Screech Owls were heard in the pine woods in the hills surrounding the valley.

Glaucidium brasilianum Ridgwayi
Sharpe

Ferruginous Pygmy Owl, *Saracoco*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04528 MHC 716 F 22/1/49); Dept. El Paraiso, Choluteca River Valley (UF04527 MHC 505 F 18/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the open pine woods. The two specimens collected were hunting in the middle of the afternoon in the open pine and pine-oak association.

Feeding: #505 contained one bird foot and some feathers. #716 contained several grey-winged grasshoppers.

Ciccaba virgata centralis Griscom

Mottled Owl

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Uyuca (UF06459 MHC 605 2/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Restricted to the cloud forest.

Bubo virginianus (Gmelin)

Great Horned Owl, *Buho Grande*, *Estiquirin*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06456 MHC 221 M 24/3/46, UF06455 MHC 610 M 2/8/48, UF06454 MHC 27 F 27/10/45).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: While not abundant Great Horned Owls were heard calling from time to time throughout the year. They were usually heard in the pine woods surrounding the valley and in the cloud forest of San Juancito. The two collected were in the valley. One had just caught and eaten our tame yellow-naped parrot in the middle of the afternoon. Our attention was called by the noise of the outraged *zanates*. The second specimen, a female, was sitting on a dead tree trunk in the middle of a *potrero*.

Family: Tytonidae

Tyto alba guatemalae (Ridgway)

Common Barn Owl, *Lechuza*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04535 MHC 77 M 30/12/45, UF04541 MHC 207 F 19/3/46, UF04536 MHC 401 M 14/10/46, #139 M 28/2/46, UF04534 MHC 828 F 4/5/49, UF04537 MHC 829 F 17/5/49, UF04538 MHC 860 F 22/6/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Very often found hunting through the coyol palms on the campus of the EAP. They apparently fed on young *zanates*.

Nesting: 18/3/46 A young bird barely able to fly was observed.

Order: Caprimulgiformes
Family: Nyctibiidae

Nyctibius griseus mexicanus Nelson

Common Potoo

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06461 MHC 801 M 7/3/49).

STATUS: Uncommon resident of the Yeguaré River Valley.

REMARKS: The single male specimen was caught alive, March 7, 1949, by some workmen in Jicarito in the pastures at the edge of the valley. The bird was presented to me, 20 cm from my face, upon being awakened at 6 a.m. by our esteemed *yardero*, Juan Martínez. The bird had its mouth wide open (with a gape of about 7 cm) and Juan had an enormous grin on his face.

Family: Caprimulgidae

Chordeiles minor

Common Nighthawk

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06466 MHC 38 U 13/11/45, #63 F 9/12/45, UF06465 MHC 132 M 17/2/46).

STATUS: Winter resident of the Yeguaré River Valley.

REMARKS: Found in valley and in pine woods (*ocotal*). October 22, 1945, two seen over pastures; October 27, 1945, many seen flying over *potreros* and *vega*; December 9, 1945, female collected on

pine tree limb in *ocotal*; February 17, 1946, male collected in the *vega* near the Yeguaré river.

Nyctidromus a. albicollis (Gmelin)

Pucuyo

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06469 MHC 80 M 23/12/45, UF06470 MHC 130 F 16/2/46, #293 M 23/7/46); Dept. Cortes, Lake Yojoa (UF06468 MHC 874 M 29/7/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the *potreros*, the surrounding pine woods and occasionally in the cloud forest. On May 22, 1946, a female was found brooding her half grown young in a little depression in a thicket beside the road in the cloud forest on San Juancito.

Caprimulgus vociferus Wilson

Whip-poor-will, *Curcuvis*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, San Juancito (UF01550 JCD 321 F 22/5/48, UF01552 JCD 322 F 22/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forest in the surrounding peaks. Not very common.

Order: Apodiformes
Family: Apodidae

Chaetura vauxi (Townsend)

Vaux's Swift, *Pilis*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (JCD-Nest observed 3/7/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Description of nest published 1951, JCD, in Wilson Bull., 63:201-202.

Cypseloides niger *costricensis*

Ridgway

Black Swift, *Pilis*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06619 MHC 640 M 15/6/48).

STATUS: Uncertain.

REMARKS: Seen in company with other swifts and swallows pursuing the emerging hordes of termites after heavy rains in June, July and August.

Cypseloides rutilus (Vieillot)

Chestnut-collared Swift, *Pilis*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06618 MHC 604 F 24/6/48).

STATUS: Resident of the Yeguaré River Valley.

Panytila sanctihieronymi Salvin

Great Swallow-tailed Swift, *Pilis*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06620 MHC 548 M 17/6/48, #547 F 17/6/48); Dept. El Paraiso, Chili Mt. (#853 M Imm 22/6/49, #854 F Imm 22/6/49, #855 Imm 22/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Usually found in the high peaks around the valley. During the rainy season when clouds of termites emerge these swifts descended to the valley floor. In company with the small *Chaetura rutila* and *Cypseloides niger* as well as wintering barn swallows, violet green and cliff swallows they will boldly sweep near the ground through the coyol palms and over the pastures.

Breeding: Although *Panytila* were generally seen circling over San Antonio, Uyuca and San Juancito we were unable to find any caves or abandoned mine shafts where the birds nested. On June 22, 1949 a prospector and able woodsman, Landoverde, brought in three

young *Panytila* fully feathered but unable to fly. He had caught them in an old mine shaft on Chili Mountain, Dept. El Paraiso, as they clambered about the walls. We kept them for a few days in a deep straw basket and fed them the usual Honduran captive bird feed of mashed bananas and egg yolk. They were not timid and as soon as the basket side was touched the three would climb up with wings vibrating and yellow mouths agape. Their cry was similar to the adults - a chattering squeak.

Family: Trochilidae

Phaethornis superciliosus (Linnaeus)

Long-tailed Hermit

SPECIMENS AND RECORDS: Dept. Atlantida, Lancetilla (UF06490 MHC 806 M 1/4/49).

STATUS: Apparent resident of the rain forest.

Chlorostilbon canivetii (Lesson)

Fork-tailed Emerald

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06510 MHC 359 F 3/8/46, UF06511 MHC 457 F 13/8/47, UF06509 MHC 742 M 30/1/49); Dept. Cortes, Lake Yojoa (UF06508 MHC 872 M 26/7/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: This small hummingbird preferred the dry oak *falda*, well developed thorn scrub and the river edge tangles. It was observed visiting lilac-like flowers in Midence's woods.

Hylocharis leucotis pygmaea (Simon and Hellmayr)

Lesser White-eared Hummingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06516 MHC 398 M 6/10/46, UF06515 MHC 490 M 27/9/47).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Common in the pine woods but very common in the overgrown fields at the edges of the cloud forest and in open places in the cloud forest.

Colibri thalassinus (Swainson)

Green Violet-ear

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Uyuca (UF06502 MHC 483 M 22/9/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Very common on the edge of the cloud forest and in openings in the forest. In September they are very noticeable. They take their stands on dead limbs of trees and scold. Their voice is a fairly loud sparrow-like chirp. Two syllables uttered chup chup ---- chup chup.

*Anthracothorax prevostii
gracilirostris* Ridgway

Green-breasted Mango

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06496 MHC 871 M 26/7/49).

STATUS: Apparent resident of area.

REMARKS: The specimen was catching midges that were swarming in the air near a small forest on the shores of Lake Yojoa.

Amazilia berylliana devillei
(Bourcier and Mulsant)

Berylline Hummingbird

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06531 MHC 571 F 23/6/48).

STATUS: Presumed resident of the area.

REMARKS: Found in the gallery forest on the shores of Lake Yojoa.

*Amazilia cyanocephala
guatemalensis* (Gould)

Red-billed Azure-crown

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06527 MHC 104 M 7/2/46, #354 M 25/8/46, UF06526 MHC 833 M 6/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in the pine woods; occasionally found in the valley.

Amazilia c. cyanura Gould

Blue-tailed Hummingbird

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran, 457 meters altitude (UF06532 MHC 476 F 17/8/47).

STATUS: Presumed resident.

Amazilia r. rutila (DeLattre)

Cinnamon Hummingbird, *Picaflor* (all Hummingbirds)

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#142 F 3/3/46, UF06533 MHC 360 F 31/8/46, UF06534 MHC 856 F 22/6/49, UF06535 MHC 857 22/6/49, #858 M 22/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Most common hummingbird in the valley. Very common on the campus of EAP. Female collected 31/8/46 was feeding on spiders in a lilac-like shrub in the *Madre Vieja*.

Nesting: On August 15 two young birds barely able to fly were found in an acacia tree. Their nest, located in the fork of two branches, was about 1.5 meters above the ground in the *Spondia monbin*. The nest was 2.5 cm high and 3.8 cm wide. It was made of blue-green lichens covered with spider web and lined with fine plant fibers. The parent in attendance flew around close over head but did not attack even when one of the babies was (briefly) picked up. Another nest was

found placed in the fork of the limbs of a small orange tree about a meter above the ground. The parent continued to add lichens to the nest after incubation began. The two eggs hatched 21/9/48.

Amazilia t. tzacatl (de la Llave)

Rufous-tailed Hummingbird

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran (UF06537 MHC 471 M 17/8/47); Dept. Cortes, Lake Yojoa (UF06536 MHC 563 F 22/6/48); Dept. Atlantida, Lancetilla (UF06538 MHC 817 M 1/4/49).

STATUS: Resident of the areas.

REMARKS: Very common over old fields in the lowlands and in clearings in the pine woods at Jamastran.

Lampornis sybillae (Salvin and Godman)

Green-breasted Mountaingem

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF06557 MHC 489 F 27/9/47, UF06558 MHC 484 M 22/9/47).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Very common inside the cloud forest on the peaks around the valley. Their voice is similar to a miniature rattling roll of a kingfisher.

Nesting: Green-breasted Mountaingems were breeding during September and there was great activity and noise accompanying the courting and guarding of nest territories. Many aerial fights and much chasing to and for were common. On September 27, 1947, a nest of this species was found in a small laurel-like tree. The nest was placed in the angle of three pencil-sized branches about 4.5 meters above the ground. It was built of tree fern fibre covered with lichens and moss. It measured outside diameter 5.2 cm, inside diameter 3.3 cm. Outside depth, 4.6 cm, inside

cup depth, 2.3 cm. Two eggs measuring 14.4 mm x 9 mm were present.

Lamprolaima rhami (Lesson)

Garnet-throated Hummingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, San Juancito (UF06563 MHC 450 M 10/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in the cloud forest of the surrounding peaks. This showy hummingbird did not seem to be as nervous and irritable as the other hummingbirds. The first time I saw a Garnet-throated in the forest and came upon a small clearing. A liana hung across the trail and as I approached the Garnet throated alighted only a few feet from my horse's head. As I quietly watched the bird preened and looked us over. Every few minutes it would fly off a few feet, apparently after an insect, and then it would resume its perch and preening.

Eugenes fulgens viridiceps Boucard

Magnificent Hummingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF06564 MHC 482 M 22/9/47).

Heliomaster c. constanii (DeLattre)

Plain-capped Starthroat

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06567 MHC 357 M 29/8/46, #361 M 31/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Not common. Found in the big trees along the roadside or in the *chaguite* of the *Madre Vieja*. UF06567 was very belligerent and fighting with other hummers. #361 was sitting with three other Starthroats in a leafless tree.

Tilmatura dupontii Lesson

Sparkling-tailed Hummingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06570 MHC 59 9/12/45, UF06571 MHC 658 M 18/11/48).

STATUS: Resident of the Yeguaré River Valley.

Archilochus colibris (Linnaeus)

Ruby-throated Hummingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06577 MHC 636 6/11/48, UF06578 MHC 637 6/11/48).

STATUS: Winter visitor to Yeguaré River Valley.

REMARKS: Two collected November 6, 1948 in the *vega* tangle along the Yeguaré River.

Order: Trogoniformes

Family: Trogonidae

Trogon elegans lubricus Peters

Elegant Trogon

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06480 MHC 603 M 20/6/48, #695 M Juv 9/1/49, #165 F 10/3/46, UF06479 MHC 821 F 30/3/49); Dept. Comayagua, Comayagua (#795 M 23/2/49); Dept. El Paraíso, Choluteca River at Danlí bridge (#71 M Juv 16/12/45).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: This beautiful trogon is to be found everywhere in the valley where there is fairly dense woods - along the Yeguaré and tributary creeks, in the oak *faldas*, in the lower reaches of the ravines (*barrancas*) that cut down into the valley from the hills, and in the well developed thorn scrub.

Pharomachrus m. mocinno de la Llave

Resplendent Quetzal

SPECIMENS AND RECORDS: Dept. El Paraíso, Monserrat (UF04543 MHC 493 M, #804 M); Dept. Yoro (#870 M 47, #869 M 47); Dept. Francisco Morazan, Mt. Uyuca.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Quetzals are confined to the peaks covered with a good sized cloud forest. On San Juancito, Dromadero, Chili and Monserrat they are not uncommon although they are difficult to see. My husband, Archie, saw six in one afternoon's ride along the edge of the forest on Monserrat. On Uyuca where the extent of the forest has been drastically decreased, apparently only a single pair maintains itself.

Nesting: From examination of gonads and hearsay of the local hunters, May seems to be the time for nesting. The native manner of clearing land aid these birds in providing nesting trees. The cloud forest is cleared by girdling the big forest trees and burning and chopping out the smaller underbrush. The big dead trees are ideal locations for nesting sites for woodpeckers and quetzals who prefer the edge of the forest.

Trogon m. mexicanus Swainson

Mexican Trogon

SPECIMENS AND RECORDS: Dept. Francisco Morazan, slopes of Mt. Uyuca (UF06484 MHC 683 M 3/12/48, UF06483 MHC 245 M 7/4/46, UF06482 MHC 674 F 25/11/48, #675 F 24/11/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Commonly found in the *pinabetal* and cloud forest.

Plumage notes: One male had salmon red instead of the usual rosy red under parts.

Stomach contents: Several fruit seed and 1 butterfly.

Order: Coraciiformes
Family: Momotidae

Momotus momota lessonii Lesson

Blue-crowned Motmot

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06611 MHC 802 M 23/3/49, UF06613 MHC 844 M 14/6/49); Dept. Cortes, Amapa Valley (UF06612 MHC 601 M 6/26/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Apparently confined to the ravines or *barrancas* that cut down through the hillside into the valley floor.

Nesting: One male collected on June 14 had a brood patch. Another male from the Amapa Valley (JCD'S skin) had been excavating for his bill, feet and feathers were caked with mud.

Plumage notes: Of the three males collected one is a good deal bluer than the others. This is very apparent on the breast and on the back. Both of the Yeguaré Valley birds are much greener than the specimen from Amapa.

Eumomota superciliosa apiastur
(Lesson)

Turquoise-browed Motmot, *Taragon*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (Uf06602 MHC 46 F 19/11/45, UF06601 MHC 626 F 21/10/48, UF08938 MHC 520 M 29/5/48, #812 M 15/4/49, #648 U 16/11/48); Dept. El Paraíso, Choluteca River at Danli bridge.

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: The Turquoise-browed Motmot can always be found in the forest along the river and its tributaries, in the tree swamps and in the lower reaches of the ravines. At the end of the dry season, in April, we have found them very often in the thorn scrub where they have moved,

presumably, to take advantage of the cicadas that abound there at that time.

Stomach contents: A bird with a broken wing was kept for several weeks. He was quite tame from the beginning and had the run of the house. He slept on a rung of a dining room chair but during the day hopped from one piece of furniture to another. He avidly ate any insect offered him and especially enjoyed a small basin of tadpoles and minnows. These he would seize in his bill and rap sharply on the edge of the basing until thoroughly dead and then quickly swallow.

Nesting: On May 24 a pair of motmots were apparently excavating a nest in the sheer, water-cut bank of the Yeguaré tributary, the Rio de la Orilla.

Parasites: Red mites were present in great numbers on the legs of a female collected November 19.

Eumomota superciliosa euroaustriis
Griscom

Caribbean Lowlands Turquoise-browed Motmot

SPECIMENS AND RECORDS: Dept. Atlantida, Lancetilla (UF06599 MHC 813 M 1/4/49).

STATUS: Apparent resident of the area.

Family: Alcedinidae

Chloroceryle americana
septentrionalis (Sharpe)

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#14 F 16/9/45, Uf06583 MHC 641 F 13/11/48, UF06581 MHC 687 F 29/12/48, UF06582 MHC 688 M 29/12/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: The Green Kingfisher prefers the boulder strewn creek tributaries of the Yeguaré River to the river itself.

Nesting: On the first of May I saw a male carrying food. Nest holes were found in the steep cut bank of an oxbow in a small creek. One hole was 1.2 meters high from the water and only a 30 cm below the level of the ground. On June 2 a female showed great agitation about this...

Chloroceryle amazona mexicana
Brodkorb

Amazon Kingfisher, *Martin Pescador* (name for all kingfishers)

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#741 F 30/1/49); Dept. El Paraiso, Río Choluteca (UF06585 MHC 328 M 11/8/46), Río Vallecillo (UF06586 MHC 442 F Imm 26/7/47).

STATUS: Common resident of the Yeguaré River and its tributaries.

REMARKS: While the Amazon Kingfisher shows some preference for the larger stream it is often encountered along the rocky tributary creeks. It generally takes its stand on an overhanging bare limb of a tree instead of the boulders used by the small Ismanian Kingfishers.

Nesting: On June 8 we saw an Amazon Kingfisher dive down out of a big white fig tree into a hole in the high cut bank of the Yeguaré River. On July 26 we collected a juvenile female.

Chloroceryle aenea stictoptera
(Ridgway)

American Pygmy Kingfisher

SPECIMENS AND RECORDS: Dept. Atlántida, Tela Railroad at Lancetilla (UF06579 MHC 805 F 1/4/49).

STATUS: Resident of rain forest along rivers and streams.

Megaceryle t. torquata (Linnaeus)

Ringed Kingfisher, *Martin Pescador*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River (#196 M 19/3/46, #611 F 22/8/48); Dept. Cortes, Lake Yojoa (UF06590 MHC 589 M Imm 25/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Although not as common as the Amazon Kingfisher this largest of the kingfishers is always to be found along the Yeguaré River.

Parasites: Round worms present in coelom #196.

Order: Piciformes
Family: Galbulidae

Galbula ruficauda melanogenia
Sclater

Rufous-tailed Jacamar

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastrán Valley, Río Guayambre, 305 meters altitude (UF06445 MHC 779 F 20/2/49).

STATUS: Resident of the area.

Family: Picidae
[genus - *Campephilus* - Stiles and Skutch]

Phloeocastes g. guatemalensis
(Hartlaub)

Pale-billed Woodpecker

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#682 F 3/12/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Uncommon resident of the *pinabetal*. The one collected was hunting near the base of a big tree stump in a fine forest of *Pinus pseudostrabus* on the eastern slope of Mt. Uyuca - Valle Encantado, 1219 meters altitude. When pursued she made off up the hill stopping to

hunt and feed several times. In drilling she was very deliberate, slowly digging out very large chips which she would drop and then causally eye Archie as he made his way up the hill in her direction.

[genus - *Picoides* - Stiles and Skutch]

Dendrocopos villosus sanctorum
(Nelson)

Hairy Woodpecker

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#396 F 3/10/46, UF06370 MHC 679 F 24/11/48); Dept. Comayagua, Siguatepeque (UF06371 MHC 599 M 27/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: This little woodpecker although not confined to the high pine seemed to prefer the big open forest of *Pinus pseudostrobus* which occurred above 1219 meters.

Sphyrapicus v. varius (Linnaeus)

Yellow-bellied Sapsucker

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06377 MHC 244 M 7/4/46, UF06378 MHC 492 F 24/2/48).

STATUS: Winter resident of the Yeguaré River Valley.

REMARKS: Common winter resident of the cloud forest.

Melanerpes formicivorus lineatus
Dickey and van Rossem

Acorn Woodpecker, *Guacamaya*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#44 M 17/11/45, UF06390 MHC 664 M 18/11/48, UF06388 MHC 699 M 15/1/49, #43 F 17/11/45, #700 F 15/1/49, UF06389 MHC 701 F 15/1/49, UF06390 MHC 665 F 18/11/48).

STATUS: Very common resident of the Yeguaré River Valley.

REMARKS: These noisy and very showy woodpeckers are found everywhere in the *ocotal* in the hills surrounding the valley. They are found in family flocks of from 4 to 8 individuals until late spring when they pair off.

Nesting: Occurs in May and June in the trunk or limb of big dead pine trees. In general the nest hole are located high up, usually over 12 meters above the ground. On June 1 I saw a pair greatly disturbed over one of their young who was just barely able to fly.

Centurus aurifrons (Wagler)

Golden-fronted Woodpecker, *Chehe*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06402 MHC 303 F 30/7/46, UF06403 MHC 261 M 25/4/46, #651 F 16/11/48, #652 F 16/11/48, #84 M 17/1/46); Dept. Cortes, Lake Yojoa (UF06404 MHC 558 M 21/6/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Prefers the big trees in the *vega* forest and the trees around the farms.

Nesting: One June 3, I found the nest hole of a pair of these woodpeckers in the limb of a big dead willow tree on the *vega* of the creek, Rio de las Orillas. It was located some 9 meters above the ground in a limb about 25 cm in diameter. The parent birds were feeding young in the nest hole at this date. Higher up in the same tree two birds, apparently of the first brood, were observed.

Dryocopus lineatus similis (Lesson)

Lineated Woodpecker, *Tusquirron*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#30 M 1/11/45, UF06425 MHC 335 U 11/8/46, UF06424 MHC 633 M 7/11/48, UF06422 MHC 694 M 9/1/49, UF06423 MHC 744 M 30/1/49, UF06421 MHC

128 F 17/2/46); Dept. El Paraiso, Rio Cobre (#723 M 22/2/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Lineated Woodpeckers are encountered chiefly along the Yeguaré River and its tributaries although they are occasionally found up into the pine woods.

Celeus castaneus (Wagler)

Chestnut-colored Woodpecker

SPECIMENS AND RECORDS: Dept. Cortes, Amapa Valley (UF06396 MHC 581 M 24/6/48).

STATUS: Resident.

REMARKS: Not uncommon in the rain forest.

Colaptes auratus mexicanoides
Lafresnaye

Red-shafted Flicker, *Corompita*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06434 MHC 217 M 24/3/46, #237 F 4/4/46, UF06433 MHC 767 F 12/2/49), Mt. San Juancito (UF06432 MHC 424 F 29/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common resident of ocotal, *penabetal* and occasionally the cloud forest. This is a particularly common bird of the pine woods where it behaves very much like the Northern Flicker.

Nesting: A pair accompanying fledglings was seen in April.

Family: Rhamphastidae

Aulacorhynchus prasinus virescens
Ridgway

Emerald Toucan, *Pico Navaja*

SPECIMENS AND RECORDS: Dept. El Paraiso, Monserrat (UF06444 MHC 224 M 31/3/46, #225

F 31/3/46), Mt. Dromedero, a pair observed; Dept. Morazan, Mt. San Juancito, observed.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Not uncommon where the cloud forest is large enough in extent. We have never encountered them in Uyuca. In Monserrat several were calling in the tallest trees of the forest. In July we came upon a pair in a small tree beside the road that winds over Mt. Dromedero to the Agua Frio mine. They were most confiding and allowed us to approach within a meter.

Rhamphastos sulphuratus
brevicarinatus Gould

Keel-billed Toucan

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06438 MHC 789 F 24/2/49, #894 F 768/49, UF06439 MHC 895 Imm 7/8/49).

STATUS: Common resident in forests around the lake shore.

REMARKS: On August 7, 1949 the young bird collected was found in the company of two adult birds.

Pteroglossus t. torquatus (Gmelin)

Collared Toucan

SPECIMENS AND RECORDS: Dept. Cortes, Amapa (#586 M 25/5/48, UF06443 MHC 580 24/6/48).

STATUS: Common resident in the forest around Lake Yojoa.

Order: Passeriformes
Family: Dendrocolaptidae

Sittasomus griseicapillus sylvioides
Lafresnaye

Olivaceous Woodcreeper

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, Agua Azul (UF06354 MHC 900 M 7/8/49).

STATUS: Apparent resident of Lake Yojoa.

REMARKS: One collected in *hondonadas* .8 kilometers from the lake shore, altitude 610 meters.

*Dendrocolaptes picumnus
puncticollis* Sclater and Slavin

Black-banded Woodhewer

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Valle Encantado (UF06345 MHC 240 M 7/4/46, UF06344 MHC 676 F 24/11/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Commonly found in the *ocotal* and *pinabetal* around the valley. UF06345 and UF06344 were collected on the slopes of Uyuca in area called *Valle Encantado*.

*Xiphorhynchus falvigaster
eburneiostris* (Des Murs)

Ivory-billed Woodcreeper

SPECIMENS AND RECORDS: Dept. El Paraiso, Choluteca River Valley (UF06339 MHC 333 F 11/8/46), Jamastran Valley (UF06338 MHC 782 M 20/2/49); Dept. Choluteca, about 11 kilometers south of San Lorenzo (UF06340 MHC 748 6/2/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the gallery forest along rivers. UF06449 collected at altitude 594 meters; UF06338 collected at altitude 305 meters; UF06340 collected at sea level.

Lepidocolaptes souleytii compressus
(Cabanis)

Streaked-headed Woodcreeper

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran Valley (UF06335 MHC 783 M 19/2/49); Dept. Cortes, Lake Yojoa (UF06336 MHC 907 F 10/8/49).

STATUS: Resident of forest on shore of Lake Yojoa and the monsoon forest of Jamastran at an altitude of 152 meters.

Lepidocolaptes affinis affinis
(Lafresnaye)

Spot-crowned Woodcreeper

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF06333 MHC 671 M 20/11/48, UF063332 MHC 452 M 10/8/47); Dept. El Paraiso, Monserrat (UF06331 MHC 161 F 10/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the cloud forests and occasionally found in the *pinabetal*.

Family: Furnariidae

Synallaxis e. erythrothorax Sclater

Rufous-breasted Spinetail

SPECIMENS AND RECORDS: Dept. Cortes, Amapa (UF06325 MHC 579 M 24/6/48).

STATUS: Resident in the forest at Amapa.

Thamnophilus doliatus (Linnaeus)

Barred Antshrike

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#197 M 19/3/46, UF06308 MHC 275 M 1/5/46, UF06309 MHC 803 M 26/3/49, UF06310 MHC 108 F 8/2/46); Dept. El Paraiso, Jamastran Valley (UF06304 MHC 778 M 20/2/49, UF06305 MHC 472 M 17/8/47, #777 F 20/2/49); Dept. Atlantida, Lancetilla Valley (UF06307 MHC 811 M 1/4/49, UF06306 MHC 819 M 1/4/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the *carbonal* and in the thickets near the Yeguaré river. In May both sexes call continuously.

Cercomacra tyrannina crepera Bangs

Dusky Antbird

SPECIMENS AND RECORDS: Dept. Cortes, Amapa observed 24/6/48 (UF01618 JCD 433 F 24/6/48).

STATUS: Apparent resident of the area.

Grallia g. guatemalensis Prevost and Des Murs

Scaled Antpitta

SPECIMENS AND RECORDS: Dept. Francisco Morazan, San Juancito (UF06296 MHC 451 F 10/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: This an uncommon resident of the cloud forest. The specimen collected was the only one encountered in many hours of quietly walking about the cloud forests. UF06296 was walking along a forest trail, at 2135 meters altitude, in one of the denser parts of the woods.

Family: Tityridae

Pachyramphus polychopterus cinereiventris Sclater

White-winged Becard

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran (UF06290 MHC 461 F 17/8/47).

STATUS: Resident of the area.

REMARKS: UF06290 collected at 457 meters altitude.

Tityra semifasciata (Spix)

Masked Tityra

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06274 MHC 140 M 4/3/46, UF06273 MHC 222 M 26/3/46); Dept. El Paraiso, near Choluteca river (UF06276 MHC 759 M 13/2/49, #330 M 11/8/46),

Jamastran Valley (UF06275 MHC 784 F 19/2/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Often seen in tall trees along river and streams.

Family: Pipridae

Pipra mentalis mentalis Sclater

Red-capped Manakin

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06266 MHC 570 M 23/6/48).

STATUS: Resident of the area.

REMARKS: Common in the rain forest around Lake Yojoa.

Manacus candei Parsudaki

White collared Manakin

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, Agua Azul (UF06267 MHC 898 F 7/8/49, #899 M 7/8/49); Dept. Atlantida, Lancetilla (UF06268 MHC 808 F 1/4/49).

STATUS: Resident of the area

REMARKS: Common in the forest around Lake Yojoa. On August 7, 1949 a male was observed popping and shirring in his complicated nuptial dance in a dense jungle in the *barranca* near the lake. A female was observed feeding a few meters away. She made short quick flights from a low perch apparently catching insects.

Family: Cotingidae

Rhytipterna h. holerythra (Sclater and Salvin)

Roufus Mourner

SPECIMENS AND RECORDS: Dept. Cortes, Amapa, Rio Blanco (UF06279 MHC 792 F 23/1/49).

STATUS: Resident of the area.

Family: Tyrannidae

Sayornis nigricans aguatica Sclater
and Salvin

Black Phoebe

SPECIMENS AND RECORDS: Dept. El Paraiso, Rio Cobre (UF06156 MHC 218 M 24/3/46, UF06155 MHC 717 F 22/1/49), creek near Yuscaran (UF06154 MHC 260 F 25/4/46).

STATUS: Resident of the Yeguare River Valley.

REMARKS: Black phoebes were never encountered along the Yeguare River but were common along its tributary, the Rio Cobre. This narrow, swift boulder studded stream comes abruptly down from the mountains and is characterized by many gorges, swift runs and deep holes. The clear blue water is cold. Mullet and *dormilones* are fairly common.

Nesting: An old moss covered nest was found placed on a rock ledge under a projecting boulder near a deep pool.

Muscivora forficatus (Gmelin)

Scissor-tailed Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguare River Valley (UF06255 MHC 798 27/2/49, #20 26/10/45, UF06256 MHC 144 F 5/3/46); Dept. Choluteca, San Lorenzo.

STATUS: Common fall and spring migrant and a winter resident of the Yeguare River Valley.

REMARKS: During the months November through April large flocks of these handsome flycatchers were always to be seen flying over the *potreros* in the Yeguare River Valley. On April 9, 1946 large numbers were seen at San Lorenzo.

Dates observed:

26/10/45 few present
11/11/45 many present; red on breast
brighter than a few weeks ago
3/1/46 few present

24/2/46 many present; some with long and
some with short tail feathers
9/4/46 none present along Yeguare River
29/4/46 several present
1/5/46 few present
15/10/46 two birds seen

Muscivora tyrannus monachus
(Hartlaub)

Fork-tailed Flycatcher

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06253 MHC 915 F 14/8/48, UF06254 MHC 916 F 14/8/49, UF06252 MHC 912 M 12/8/49); Dept. Morazan, Yeguare River Valley, observed 6/48.

STATUS: Only an occasional visitor to the Yeguare River Valley.

REMARKS: J.C. Dickinson collected one specimen 6/48 near the campus of EAP. In July and August 1949 they were very common around Lake Yojoa.

Tyrannus tyrannus (Linnaeus)

Eastern Kingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguare River Valley, observed 16/5/48.

STATUS: Migrant through the Yeguare River Valley.

REMARKS: On 16/5/48 six or eight birds were seen sitting in the top of a bare tree on the vega of the Yeguare River.

Tyrannus melancholicus
chloronotus Berlepsch

Tropical Kingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguare River Valley (UF06242 MHC 19 U 26/10/45, #24 F 27/10/45, UF06244 MHC 409 M 31/5/47, #21 F 27/10/45, UF06243 MHC 408 F 31/5/47, UF06245 MHC 631 F 7/11/48,

UF06246 MHC 917 M 14/8/49); Dept. Cortes, Lake Yojoa observed 14/8/49.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in pastures, along hedge rows and river *vega*.

Nesting: 29/4/46 - A pair of kingbirds were observed in a small tree on the rivers edge. In the same tree a pair of *Pitangus sulphuratus* have a nest. 11/5/46 - Kingbirds have built a nest in the same tree with the *Pitangus sulphuratus* and *Myiozetes similis* have also built nests there. 5/6/49 - A pair of kingbirds were part of a nesting colony of birds near the pond, Laguna San Francisco, described in detail in the account of nesting *Myiozetes similis*. The kingbirds used an acacia tree nearby, over hanging the pond edge. A pair of *Icturus gularis* and *Dives dives* had nests in the same tree. The kingbird's nest was placed in the middle of low hanging branch, 1.2 meters above the surface of the water. The nest was a shallow cup of rootlets and measured 12.7 cm for outside diameter, 7.6 cm for inside diameter, and with an inside depth of 1.2 cm. The three eggs present were creamy blotched with brown on the larger end. The eggs measured 26 mm x 18 mm, 24 mm x 12 mm, 25 mm x 17 mm. 16/6/46 - A kingbird nest with three young ready to leave nest was observed in an *Acacia tenuifolia* in a pasture. Nest was about 1.2 meters from the ground.

Parasites: The female, UF06243, collected 31/5/47 was parasitized by at least ten fly larvae buried under the skin.

Tyrannus verticalis Say

Western Kingbird

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06208 MHC 654 F 16/11/48, UF06206 MHC 710 M 21/1/49, UF06207 MHC 733 F 27/1/49).

STATUS: Migrant in the Yeguaré River Valley.

REMARKS: Not uncommon along hedge rows and fields in the Yeguaré River Valley during the winter months.

Megarynchus pitangua (Linnaeus)

Boat-billed Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06222 MHC 497 F 12/5/48, UF06221 MHC 705 M 20/1/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Although not as common as *Myiozetes similis* and *Pitangus sulphuratus* it was found in the same locality - in the big trees along the river and its tributaries and, occasionally along the hedge rows.

Nesting: 25/4/46 - A nest was found in a tree about 15 meters high on the banks of one of the tributaries of the Yeguaré river. The nest was about 12 meters from the ground on a horizontal branch some 6 cm in diameter. The bulky nest was completely built of moss, roots and vines interwoven in a small attached bromeliad. The nest cup measured about 13 cm wide by 5 cm deep and was lined with fine rootlets. Three babies, apparently a few days old, were present. Both parents were in attendance and in the space of fifteen minutes brought three dragonflies to the hatchlings. 12/5/48 - A pair was building a nest in a tree on the river's edge.

Myiodynastes lutiventris Sclater

Sulphur-bellied Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06144 MHC 257 M 25/4/46, UF06145 MHC 258 F 25/4/46, UF06146 MHC 304 F 1/8/46); Dept. El Paraiso, Choluteca river (UF06147 MHC 337 M 11/8/46).

STATUS: Resident of Yeguaré River Valley.

REMARKS: Found in trees along the river edge and in open pine woods.

Nesting: A female, UF06145, collected 25/4/46 was very fat and contained developing eggs.

Myiozetes Similis (Spix)

Social Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06136 MHC 50 U 22/11/45, UF06137 MHC 375 M 7/9/46, UF06139 MHC 412 M 4/6/47, UF06138 MHC 691 F 28/12/48).

STATUS: Very common resident of the Yeguaré River Valley.

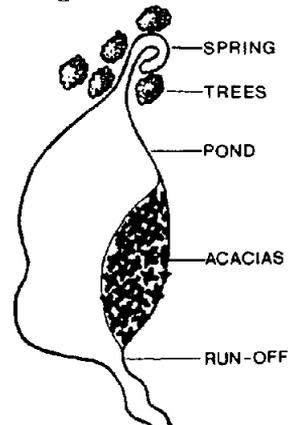
REMARKS: Prefers trees along the river edge and hedge rows in the *potreros* where small trees are present. Often found in company with *Pitangus sulphuratus*.

Nesting: Recored in May, June and July with peak nesting occuring first week of June. 11/5/46 - Nest in cactus about 2.4 meters from ground. Cactus wrens have nest in same plant. 6/7/48 - Nest in cactus with adults very much on guard. 25/5/49 - A pair are building a nest in the top o an acacia that contains a tody nest. 5/6/49 - A colony of *Myiozetes similis* was found nesting in the acacias around Laguna San Francisco. Laguna San Francisco is a small shallow pond, about 30 meters long by 15 meters wide, set in the middle of the carbonal (see sketch of pond). It is fed by a small spring and empties into the Yeguaré River a kilometer away. This year, 1949, it has been dammed and the tiny runoff stream cleaned up so that the pond, in the future, will not fluctuate appreciably. Back from the pond shore a few large figs, a *guanacaste* and smaller trees, *Jatropha lonchocarpus* and *Pisonia macro* occur. On the wide, gently shelving south shore is a fairly pure stand of the yellow flowering *Acacia (pentalula or farmisiana ?)*. The branches of the acacias were covered with liches and small airplants. These little trees were sparsely spaced with the tips of the branches just touching the neighboring trees. In an area not more than a half acre in extent 25 active nests of *Myiozetes* were found. Usually only one nest was found in each tree but in one case two pairs used the same tree. In addition to the *Myiozetes* nests, there were nests of three pairs of *Icturus g. gularis*, and one nest each of

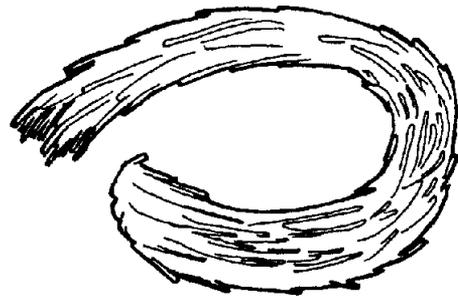
Dives dives, and *Tyrannus melancholicus chloronotus*.

A typical nest was placed at the end of an acacia branch some two meters high off the ground. The covered nests measured 17.7 cm in width by 15.2 cm in height. The entrance hole was on one side but with an extension of the grass roof bent down so that the opening was beneath (see sketch of cross section). The nest was made of grass and tender twigs. The nest bowl contained fine plant down packed into a tough mat. The nest described contained four fresh eggs which measured 26 mm x 18 mm, 24 mm x 12 mm, 25 mm x 17 mm. The eggs were creamy white with a sparse scattering of irregular pinkish chocolate colored dots in a band on the larger end of the egg.

The other 24 nests (on June 5, 1949) contained eggs or young birds. On June 28, 1949 one new nest had been constructed but all the other 25 were empty although there were many birds in the vicinity.



Sketch of Laguna San Lorenzo



Sketch of nest x section

Pitangus sulphuratus (Linnaeus)

Great Kiskadee

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06233 MHC 181 M 13/3/46, UF06235 MHC 182 M 13/3/46, #691 F 28/12/48, UF06232 MHC 502 F 18/5/48, UF06234 MHC 650 F 16/11/48, #746 F 2/2/49, #692 28/12/48); Dept. El Paraiso, Choluteca river (UF06231 MHC 724 M 23/6/49); Dept. Cortes, Lake Yojoa, Agua Azul (UF06230 MHC 913 F 12/8/49).

STATUS: Very common resident of the Yeguaré River Valley.

REMARKS: Preferred the trees along the Yeguaré river and its tributaries. Also found, to some extent, along hedge rows in *potreros* and along the roadside. Rarely came on the campus of the EAP.

Nesting: 1/5/46 - Pair on guard near large sloppy nest in a bare tree on Yeguaré river edge. They allowed a phoebe-like flycatcher to hunt in the same tree within 1.8 meters of the nest. 18/5/48 - A pair was observed building a nest in a tree near the river. 5/6/49 - A pair nesting with a colony of 25 *Myiozetes similis* in an acacia tree on the edge of Laguna San Francisco. This nest was placed 2.1 meters off the ground at the end of a branch. The bulky nest, made of dry grass, was similar in construction to that of *Myiozetes* but was larger being about 25 cm in width and 25 cm high. The opening was on the side instead of underneath as in the *Myiozetes*. One young, almost ready to fly, hopped out when the nest was touched. The adults did not attack us but kept some distance away in larger trees. We moved away very rapidly.

Myiarchus tyrannulus (Muller)

Brown-crested Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06115 MHC 23 U 27/10/45, UF06117 MHC 190 F 15/3/46, UF06116 MHC 291 M 11/5/46); Dept. El Paraiso, Choluteca river (UF06118 MHC 728 F 23/1/49).

STATUS: Migrant in the Yeguaré River Valley.

REMARKS: Found in the hedge rows along the *potreros*.

Myiarchus nuttingi Ridgway

Nutting's Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#420 F 12/6/47, UF06121 MHC 92 F 27/1/46, UF06122 MHC 708 20/1/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in thickets along the Yeguaré River.

Myiarchus tuberculifer connectens
Miller and Griscom

Dusky-capped Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#747 M 2/2/49, UF06112 MHC 110 M 8/2/46, UF06110 MHC 417 F 12/6/47, UF06111 MHC 413 M 4/6/47).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: All four specimens were collected in the gallery forest along the Yeguaré river. UF06111 had greatly enlarged testes.

Contopus virens (Linnaeus)

Wood Pewee

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06095 MHC 253 F 18/4/46, UF06097 MHC 267 28/4/46, UF06098 MHC 377 F 8/9/46, UF06096 MHC 392 F 27/9/46).

STATUS: Spring and fall migrant to the Yeguaré River Valley.

REMARKS: Found in the gallery forest along the Yeguaré river. UF06096 was collected in the *ocotal* at 1158 meters altitude.

Contopus cinerens brachytarsus
(Sclater)

Tropical Pewee

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06080 MHC 176 M 10/3/46, UF06081 MHC 410 F 28/5/47, UF06082 MHC 635 F 7/11/48); Dept. El Paraiso (UF06079 MHC 473 U 17/8/47).

STATUS: Spring and fall migrant to the Yeguaré River Valley and the Choluteca valley, 595 meters altitude.

REMARKS: Found in the more open scrubby tangles along the Capa Rosa (792 meters altitude) and the Choluteca river (579 meters altitude). UF06082 had a song like a miniature kingbird.

Contopus pertinax Cabanis and
Heine

Greater Pewee

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06076 MHC 85 F 20/1/46, #350 M 25/8/46, UF06077 MHC 393 M 27/9/46, #854 F 20/1/46, UF06078 MHC 309 F 4/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the *ocotal* on the hillsides around the Yeguaré River Valley.

Empidonax flaviventris (Baird)

Yellow-bellied Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06054 MHC 372 F 7/9/46).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: UF06054 was hunting quietly in the large trees along the Yeguaré River.

Empidonax brewsteri Oberholser

Willow Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06048 MHC 513 F 22/5/48, UF06047 MHC 697 M 5/1/49); Dept. El Paraiso, Choluteca river (UF06049 MHC 771 F 13/2/49).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: Generally found in the thickets along the rivers however UF06048 was sitting in a shrub in the *guamil* at La Tigra on San Juancito at an altitude of 1829 meters.

Empidonax minimus (Baird and
Baird)

Least Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06041 MHC 86 U 20/1/46, UF06042 MHC 272 M 30/4/46, #266 M 28/4/46, UF06043 MHC 735 M 27/1/49, UF06044 MHC 177 F 10/3/46, #174 10/3/46).

STATUS: Common winter migrant to the Yeguaré River Valley.

REMARKS: Very common in the understory of the gallery forest along the Yeguaré river and its tributaries.

Empidonax fulvifrons (Giraud)

Buff-breasted Flycatcher

SPECIMENS AND RECORDS: Dept. El Paraiso, road to Guinope (UF06021 MHC 314 4/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: UF06021 was collected in the pine woods at an altitude of 1006 meters.

Empidonax flavescens dwighti van
Rossem

Yellowish Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06058 MHC

760 12/2/49, UF06059 MHC 530 4/6/48); Dept. El Paraiso, Monserrat (#230 F 31/3/46, UF06060 MHC 518 Juv 28/3/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forests on the peaks around the valley and in the *hondonados* down into the *penebetal*.

Mitrephanes phaeocercus (Sclater)

Tufted Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF06200 MHC 491 F 27/9/47, UF06199 MHC 486 F 24/9/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forests on the peaks around the valley and occasionally down into the pine woods. These little flycatchers were fairly common at the edge of the cloud forest and in small clearings and blowdowns in the forest. They were remarkably confiding tending to their business and showing only perfunctory interest in the observer. In feeding the birds would fling themselves, with great energy, up into the air from their perches and then drop back like a plummet. Their voices were subdued.

Tolmomyias sulphureus (Spix)

Yellow-olive Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06168 MHC 418 M 12/6/47, UF06169 MHC 343 M 18/8/46); Dept. El Paraiso, Choluteca river (UF06169 MHC 507 M 19/5/48), Rio Guayambre (UF06166 MHC 776 F 20/2/49); Dept. Cortes, Lake Yojoa (UF06167 MHC 572 F 23/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the oak-thorn woods and in the well developed thorn scrub where it bordered on the Yeguaré River or its tributaries. In addition we found it in the gallery forest along the Choluteca river and the Rio

Guayambre, 305 meters altitude, and in the cut over *hondonadas* that ran down to Lake Yojoa.

Nesting: UF06168 collected 12/6/47 and UF06165 collected 19/5/48 had greatly enlarged testes.

Todirostrum cinereum (Linnaeus)

Common Tody-flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06181 MHC 278 M 9/5/46, UF06179 MHC 407 M 28/5/47, UF06180 MHC 363 M 3/8/46, UF06178 MHC 406 F 28/5/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Todies were common in the understory of the river vega forest. When startled they would wig-wag their tails from side to side.

Nesting: 19/5/48 - A pair in cop in a small tree on edge of creek. 24/5/49 - A pair of todies was discovered building a nest in an acacia tree on the banks of the small creek, Rio de la Orilla. The nest had been just begun and was placed at the tip end of a branch. While I watched, for a half hour period, one bird brought grass and wove it into the nest while the other sat on a nearby twig watching. Two days later the nest was abandoned when only 6 cm deep. The pair was building again in a willow several meters down the creek bank. 2/6/48 - Today nest found 1.8 meters high in acacia tree. Tree was nine meters from edge of river. Two eggs present.

Oncostoma cinereigulare (Sclater)

Northern Bentbill

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valle (UF06177 MHC 498 F 12/5/48); Dept. Cortes, Lake Yojoa, Peña Blanca (UF0 MHC 591 F 25/6/48), Amapa (UF06176 MHC 578 24/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the big trees along the river's edge.

Camptostoma i. imberbe Sclater

Northern Beardless Tyrannulet

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06191 MHC 818 M 4/4/49, UF06190 MHC 288 F 11/5/46); Dept. El Paraiso, Choluteca river at Danli bridge (UF0 MHC 311 F 11/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Fairly common in the hedge rows and thorn scrub especially where the *carbonal* borders the river.

Elaenia frantzii Lawrence

Mountain Elaenia

SPECIMENS AND RECORDS: Dept. Francisco Morazan, San Juancito Mts. (UF06195 MHC 737 M 29/6/49, UF06196 MHC 426 M 29/6/47, UF06197 MHC 553 F 19/6/48); Dept. El Paraiso, Monserrat (UF06194 MHC 229 U 31/3/46, UF06193 MHC 232 F 31/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forest of the surrounding peaks.

Myiopagis viridicata (Vieillot)

Placid Flycatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#342 18/8/46); Dept. El Paraiso, Jamastran Valley (UF06183 MHC 466 F 17/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: #342 was hunting close to the ground through the oak/thorn woods (Midence's woods). It was in company with a mixed flock of other small birds including redstarts and migratory warblers.

Elaenia flavogaster (Thunberg)

Yellow-bellied Elaenia

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, Agua Azul (UF06186 MHC 909 F 10/8/49).

STATUS: Resident of the area.

Family: Hirundinidae

Progne c. chalybea (Gmelin)

Gray-breasted Martin

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF06012 MHC 134 M 22/1/46, UF06015 MHC 262 M 18/4/46, UF06014 MHC 292 22/7/46, UF06013 MHC 864 F 28/6/49, #339 15/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: A large colony nested on the campus of the EAP and throughout the year were seen flying over the buildings. They also were found over the *potreros* and the river *vega*, especially in the late afternoons.

Nesting: In May and June the martins built their bulky nests under the tiles at the edge of the roofs of the school buildings.

Hirundo rustica Linnaeus

Barn Swallow

SPECIMENS AND RECORDS: Dept. Morazan, Yeguaré River Valley (UF06006 MHC 39 U 19/10/45, #368 M 6/9/46, #370 M 6/9/46).

STATUS: Spring and fall migrant to the Yeguaré River Valley.

REMARKS: The spring migration in the valley began early in April and by the 18th many were present. On May 11 large flocks were still found cruising over the *potreros* and school campus or lining the single telephone wire on the road to Guinope. In company with Violet-green Swallows and several swifts they fed on the dense clouds of termites that emerged with the

first rains of the winter season in early May. On May 16 very few were to be found and they disappeared soon after this date. The fall migration began to come through the latter part of August. On August 31 small flocks were noted. By September 6 they had arrived in great numbers and were very fat. After the heavy September rainstorms they would hunt close to the ground over the school campus. They disappeared early in October.

Tachycineta thalassina lepida
Mearns

Violet-green Swallow

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05999 MHC 60 F 8/12/45).

STATUS: Midwinter visitant to the Yeguaré River Valley.

REMARKS: Observed flying around over the potreros

Iridoprocne a. albilinea (Lawrence)

Mangrove Swallow

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF06001 MHC 585 M 25/6/48)

STATUS: Resident of Lake Yojoa

REMARKS: Commonly found near lime cliffs at north end of lake.

Stelgidopteryx ruficallis (Vieillot)

Rough-winged Swallow

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran (UF06007 MHC 477 M 17/8/47).

STATUS: Resident of the area.

REMARKS: UF06007 was collected at 472 meters altitude.

Family: Corvidae

Corvus corax Linnaeus

Common Raven, *Cacalote*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05997 MHC 143 F 5/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: A few of these big crows were usually found around corn fields - whether on the river bottom or in *milpas* planted near the cloud forest. They were very often seen flying over the highest peaks around the valley.

Parasites: Several ticks found at base of feathers.

Psilorhinus mexicanus cyanogenys
Sharpe

White-tipped Brown Jay

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (#557 M 21/6/48, #574 F 23/6/48).

STATUS: Common resident of Lake Yojoa area.

REMARKS: Commonly found in forests and tree swamps around the lake shore.

Calocitta formosa pompata Bangs

Magpie-jay, *Urraca*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#540 F 8/6/48, #541 M 8/6/48, UF05960 MHC 624 M 20/10/48, #640 M 20/10/48, UF05959 MHC 703 F 15/1/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Generally found in the gallery forest along the river and in the oak *falda* at the edge of the valley.

Parasites: A specimens collected in August 1945 was covered with bird lice.

Cissilopha melanocyanea (Hartlaub)

Bushy-crested Jay

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#673 F 20/11/48, #61 F 9/12/45); Dept. El Paraiso, Monserrat (UF05966 MHC 519 M 28/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the high *ocotal*, *pinabetal* and cloud forest.

Cyanocitta stelleri suavis Miller and
Griscom

Steller's Jay, *Serrequeca*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05948 MHC 247 M 7/4/46, UF05951 MHC 672 M 20/11/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: This jay was generally encountered at higher altitudes than *Cissilopha melanocyanea* although both birds were found from the high pine to the cloud forest.

Aphelocoma unicolor griscomi van
Rossem

Unicolored Jay

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05949 MHC 428 juv 29/6/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Confined to the peaks surrounding the valley. The one collected was on San Juancito at 2135 meters altitude.

Stomach contents: *Maicillo* seeds.

Family: Certhiidae

Certhia familiaris Linnaeus

Brown Creeper

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05908 MHC 86 15/9/46, UF05909 MHC 761 M 12/2/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the pine woods on the hillsides around the valley. Recorded at altitude 1158 meters to 1615 meters.

Family: Troglodytidae

Campylorhynchus rufinucha
capistratus (Lesson)

Rufous-naped Wren, *Sacude Colchon*, *Sigogo*.

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#209 F 21/3/46, UF05893 MHC 653 F 16/11/48).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the hedge rows and thorn scrub of the Yeguaré River Valley. Two or three birds often found sleeping in nests during the daylight hours.

Nesting: These wrens did not nest in the coyol palms nor were they commonly found on the campus of the EAP. They preferred acacia trees or tall cactus plants as nesting sites. Nests were usually 1.8 to 4.5 meters above the ground. They were bulky affairs of grass and twigs some 25 cm in diameter. The entrance hole was placed on one side. The prevailing winds in the valley are from the northeast and most of the wren nests were built with the opening on the southwest side.

*Campylorhynchus zonatus
vulcanius* Brodkorb

Band-backed Wren

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05898 MHC 510 F 2/5/48, UF05902 MHC 678 F 24/11/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in mixed scrub in the pine forests and in the thorn scrub. Band-backed Wrens preferred a higher altitude than the *Campylorhynchus z. vulcanius*. Flocks of them were often encountered in the thickets in the *barrancas* of the *ocotal* and *penebatal* up to the edge of the cloud forest.

Thryothorus maculipectus umbrinus
Ridgway

Spot-breasted Wren

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, Agua Azul (#880 F 26/7/49), Amapa (UF05877 MHC 598 M 26/6/48).

STATUS: Resident of the Lake Yojoa area.

REMARKS: Common in the thickets along old fields near the lake shore.

Thryothorus m. modestus Cabanis

Plain Wren

SPECIMENS AND RECORDS: Dept. Francisco Morazan, San Juancito Mts. (UF05883 MHC 551 F 19/6/48), Yeguaré River Valley (UF05885 MHC 376 M 7/9/46, UF05886 MHC 639 M 7/11/48, UF05887 MHC 265 F 28/4/46); Dept. El Paraíso, Jamastrán Valley (UF05884 MHC 470 M 17/8/47).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Very common in the thickets along streams in the valley. One was collected near the stream, La Tigra, in the San Juancito Mts. at an elevation of 1851 meters.

Nesting: UF05885 collected on September 7 was in breeding condition.

Thryothorus pleurostictus lateralis
Dickey and van Rossem

Banded Wren

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05878 MHC 533 M 13/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: UF05878 was collected on the La Ceiba road at an elevation of 914 meters.

Troglodytes ruficiliatus rehni Stone

Rufous-browed Wren

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (#485 M 27/9/47, #667 M 20/11/48, UF05855 MHC 515 F 26/5/48, #238 F 6/4/46, UF05854 MHC 668 20/11/48), San Juancito Mt. (#455 10/8/47, UF05853 MHC 431 M 29/6/47, UF05851 MHC 552 F 19/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: These little wrens were common in the cloud forests on the peaks surrounding the Yeguaré River Valley. They particularly liked to creep about in the twisted stems of lianas that covered the boles of the larger trees. They have small voices but sing a lovely rollicking song.

Nesting: Juvenile birds with skull not ossified (SNO) were collected 20/11/48, 29/6/47 and 19/6/48.

Troglodytes aedon intermedius
Cabanis

House Wren, *Shaurire*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF0 MHC 251 M 7/4/46, UF05844 MHC 300 F 28/7/46, UF05845 MHC 296 M 28/7/46); Dept. El Paraíso, Jamastrán (UF05841 MHC 475 M 17/8/47,

UF05842 MHC 462 F 17/8/47, UF05843 MHC 474 M 17/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the high *ocotal* and *penebetal*.

Salpinctes obsoletus guttatus Salvin
and Godman

Rock Wren

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, (UF05822 MHC 45 F 17/11/45); Dept. El Paraíso, Las Mesas (UF05818 MHC 188 F 13/3/46, UF05819 MHC 189 M 13/3/46, UF05820 MHC 194 Juv 15/3/46), Road to Moroceli (UF05821 MHC 239 F 4/4/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Resident of the *pedregales* in the hills around the Yeguaré River Valley. Rock Wrens were not found in all the rocky stretches in the pine woods but there were some half dozen locations around the valley where they were sure to be encountered.

Nesting: A young bird just able to fly was collected 15/3/46.

Henicorhina leucostica tropaea
Bangs and Peters

White-breasted Wood Wren

SPECIMENS AND RECORDS: Dept. Atlantida, Lancetilla (#807 F 1/4/49).

STATUS: Resident in the rain forest.

REMARKS: Observed in company with manakins.

Family: Mimidae

Mimus gilvus (Vieillot)

Tropical Mockingbird

SPECIMENS AND RECORDS: Dept. El Paraíso, Danli.

REMARKS: One seen in a cage in Danli. Owner said had been caught in surrounding hills. On May 22, 1948 at Rancho Quemado in the cloud forest of San Juancito I heard a bird singing the characteristic song of the mocking bird.

Family: Turdidae

Turdus gravi Bonaparte

Clay-colored Robin, *Zorzal*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#78 F 6/1/46, UF05748 MHC 706 F 20/1/49, UF05749 MHC 114 F 9/2/46).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Found in the gallery forest along the river and its tributaries. One of the common cage birds of the local people.

Nesting: Young birds were observed in the middle of August 1945 and on July 6, 1948. On May 25, 1949, a nest was found near the edge of Rio de la Orilla. It was located 1.8 meters from the ground on the inclining trunk, 20 cm in diameter, of an acacia tree. The nest was made of leaves and grasses with an outside diameter of 18 cm and the nest cup 8.8 cm in diameter and 7.6 cm deep. Two eggs were present. On June 3, 1949 three eggs were present. Eggs were light blue heavily mottled on the larger end. Eggs measured: 28 mm x 21 mm, 27.5 x 20 mm, 29 mm x 20.5 mm.

Turdus plebejus differens (Nelson)

Mountain Robin, *Zorzal*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, San Juancito (#427 M 29/6/46, UF05726 MHC 404 M 47, UF05725 MHC 739 M 29/1/49), Uyuca, Monserrat.

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Very common in the cloud forests on the peaks around the valley. Usually found in small flocks.

Myadestes unicolor pallens Miller
and Griscom

Slate-colored Solitaire, *Sinzontle*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, San Juancito (UF05647 MHC 454 10/8/47, UF05648 MHC 550 juv 19/6/48), Uyuca (#390 24/9/46); Dept. El Paraiso, Monserrat (UF05649 MHC 233 F 31/3/46, UF05646 MHC 227 F 31/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forests of the surrounding peaks.

Catharus ustulatus (Nuttall)

Swainson's Thrush

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#115 F 9/2/46).

STATUS: Spring migrant in the Yeguaré River Valley.

Catharus aurantirostris melpomene
(Cabanis)

Orange-billed Nightingale-thrush

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05713 MHC 193 M 17/3/46, UF05714 MHC 500 M 16/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Prefers the hedge rows and dense *carbonal*. In May several pairs of these bright brown thrushes were seen chasing each other and whistling. The whistle has a finch-like quality and the song is quite short but reminiscent of the hermit thrush.

Catharus frantzii alticola Salvin
and Godman

Ruddy-capped Nightingale-thrush

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, San Juancito (UF05700 MHC 740 M 29/1/49, UF05699 MHC 736 M 29/1/49, UF05702 MHC 430 F 29/6/47); Dept. El Paraiso, Monserrat (#228 M 31/3/46), Portillo de los Arados (UF05701 MHC 440 M 13/7/47).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: One of the most common birds of the cloud forest on the peaks surrounding the valley. Its lovely song epitomizes the charm of these woods and they generously sing at all hours.

Breeding: On May 30 a young bird with a spotted breast was seen accompanied by an adult.

Stomach contents: UF05699 contained parts of insects and one big centipede.

Sialia sialia meridionalis Dickey
and van Rossem

Eastern Bluebird, *Primavera*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#353 juv 25/8/46, UF05671 MHC 18 M 14/10/45, UF05670 MHC 37 U 10/11/45, UF05668 MHC 234 M 31/3/46); Dept. El Paraiso, Moroceli road (UF05669 MHC 223 F 26/3/46), Guinope rodad (UF05672 MHC 310 juv 4/8/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the *ocotal* and *pinabetal* around the Yeguaré valley.

Family: Sylviidae

Polioptila albiloris albilores Sclater
and Salvin

White-lored Gnatcatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05639 MHC 421 F 12/6/47, UF05638 MHC 381 U 8/9/46, UF05640 MHC 91 F 27/1/46, UF05641 MHC 419 M 12/6/47).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Apparently confined to the thorn scrub in the *potreros* and hillsides surrounding the valley. As van Rossem has reported these little gnatcatcher are generally found in pairs. They are confiding, friendly little birds. One at dusk, when descending a trail on horseback, a pair were settling down for the night on a branch of an acacia. They were at my eye level and only about a meter away but after inspecting me a few minutes they again fluffed up their feathers and tucked their heads under their wings.

Nesting: UF05641 was in breeding condition. UF05639 had finished laying.

Polioptila c. caerulea (Linnaeus)

Blue-grey Gnatcatcher

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, observed 28/1/46, 2/2/46.

STATUS: Winter migrant to the Yeguaré River Valley.

REMARKS: Commonly found in the low trees along the Yeguaré river.

Family: Bombycillidae

Bombycilla cedorum Vieillot

Cedar Waxwing

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#124 F 17/2/46, UF05611 MHC 123 F 17/2/46, #122 F 17/2/46, UF05612 MHC 131 M 20/2/46).

STATUS: Winter resident of the Yeguaré River Valley.

REMARKS: The local inhabitants state that waxwings do not visit the valley every year but during the four years we were in the valley a large flock arrived early in February and remained until the first of May. In 1946 the dates were February 8 arrival, May 1 departure. They were to be found in the large trees along the Yeguaré River and its tributaries.

Family: Cyclarhidae

Cyclarhis gujanensis (Gmelin)

Rufous-browed Peppershrike

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05563 MHC 111 M 8/2/46, UF05564 MHC 285 M 11/5/46, UF05565 MHC 414 M 4/6/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Generally confined to the gallery forest along the Yeguaré river.

Family: Vireonidae

Vireo solitarius (Wilson)

Solitary Vireo

SPECIMENS AND RECORDS: Dept. Morazan, Yeguaré River Valley (UF05543 MHC 480 M 16/8/47, UF05542 MHC 632 M 6/11/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the oak *falda* around the rim of the valley.

Vireo f. flavoviridis (Cassin)

Yellow-green Vireo

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05531 MHC 536 M 14/6/48, UF05530 MHC 537 F 14/6/48); Dept. El Paraiso, Choluteca river at Danli bridge (UF05529 MHC 506 F 18/5/48, UF05528 MHC 509 M 19/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the big trees on the river *vega*.

Nesting: Male collected 19/5/48 had enlarged testes.

Hylophilus decurtatus (Bonaparte)

Gray-headed Greenlet

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran (UF05503 MHC 469 F 17/8/47, UF05502 MHC 478 M 17/8/47); Dept. Cortes, Amapa (UF05504 MHC 584 F 24/6/48).

STATUS: Common resident of the *vega* forest along rivers in Jamastran and in the rain forest at Amapa.

REMARKS:

Nesting: Female collected 24/6/48 contained eggs. Male collected 17/8/47 appeared to be in breeding condition.

Family: Parulidae

Mniotilta varia (Linnaeus)

Black-and-white Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05473 MHC 379 M 8/9/46).

STATUS: Common migrant in the Yeguaré River Valley.

REMARKS: Found in the big trees along the Yeguaré and its tributaries. Recorded August 11 and 28, 1946 and September 7, 1946 in the fall and March 18, 1946 in the spring.

Peucedramus taeniatus (Du Bus)

Olive Warbler

SPECIMENS AND RECORDS: Dept. El Paraiso, Portillo de los Arados, 1524 meters (#435 28/6/47).

STATUS: Apparently resident of the pine woods.

Parula pitiayumi (Vieillot)

Olive-backed Warbler

SPECIMENS AND RECORDS: Dept. El Paraiso, Rio Valle Cio Paranso, 914 meters (UF05431 MHC 444 M 26/7/47).

STATUS: Apparent resident of the big trees along the rivers and tributaries.

Dendroica graciae Baird

Grace's Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05368 MHC 387 15/9/46, UF05366 MHC 308 F 4/7/46, UF06369 MHC 535 M 12/6/48); Dept. El Paraiso, Las Mesas (UF05367 MHC 843 F 12/6/49).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: This warbler was one of the few birds one could always be sure of finding in the open *pinabetal* on the hillsides around the valley. They generally remained in the pine trees the lower limbs of which were usually some 15 meters above ground level.

Dendroica dominica albilora
Ridgway

Yellow-throated Warbler

SPECIMENS AND RECORDS: Dept. El Paraiso, road to Guinope (UF03370 MHC 311 4/8/46).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: Found in the pine woods at around 1005 meters altitude.

Dendroica caerulea (Wilson)

Cerulean Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05377 MHC 371 F 7/9/46, UF05378 MHC 481 16/8/47).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: Commonly found in the big trees along the Yeguaré River and in the oak *falda* at the edge of the valley.

Dendroica fusca (Muller)

Blackburnian Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05373 MHC 178 10/3/46, UF05372 MHC 369 6/9/46).

STATUS: Migrant to Yeguaré River Valley.

REMARKS: Commonly found in the willow and shrubs along the Yeguaré and its tributaries.

Dendroica virens (Gmelin)

Black-throated Green Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#33 7/11/45, UF05385 MHC 93 F 27/1/46, UF05387 MHC 89 20/1/46, UF05386 MHC 666 18/11/48).

STATUS: Winter visitant to the Yeguaré River Valley; November 7 through March 18.

REMARKS: Commonly found in the trees along the river, in the school gardens and up into the *penebetal* on the hillsides, 1158 meters.

Dendroica magnolia (Wilson)

Magnolia Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05422 MHC 273 F 1/5/46, #584 25/6/48, UF05421 MHC 638 U 7/11/48).

STATUS: Winter visitant to the Yeguaré River Valley; May 1 through November 7.

REMARKS: Commonly found in the thorn scrub near the river.

Dendroica petechia morcomi Coale*

Golden Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05423 MHC 101 2/2/46, UF05424 MHC 105 7/2/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found on the campus and the gardens of the EAP.

Nesting: 20/10/46 a pair of Golden Warblers had a nest containing fledglings. Nest was on a coyol palm leaf in the patio of Wilson Popenoe's house, EAP.

* Burt L. Munroe identified these skins as *aestiva*

Dendroica petechia aestiva (Gmelin)

Yellow Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05426 MHC 389 M 22/9/46, #271 M 30/4/46); Dept. El Paraíso, Choluteca river, 594 meters altitude (UF05425 MHC 332 F 11/8/46).

STATUS: Common spring and fall migrant to Yeguaré River Valley; recorded March 18 and May 1 in the spring and August 11 and September 22 in the fall.

REMARKS: They were generally found in the smaller trees and shrubs along the Yeguaré and its tributaries. #271 M collected 30/4/46 was very very fat.

Dendroica occidentalis (Townsend)

Hermit Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05382 MHC 770 12/2/49).

STATUS: Winter visitant to the Yeguaré River Valley.

REMARKS: Found in the *ocotal* on the slopes surrounding the valley. UF05382 was collected in the pine/oak woods at Montañita.

Seiurus n. noveboracensis (Vieillot)

Northern Waterthrush

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05318 MHC 380 F 8/9/46, UF05317 MHC 501 F 16/5/48, #264 F 28/4/46).

STATUS: Common winter resident in the Yeguaré River Valley; recorded September 8 to May 16.

REMARKS: Generally to be found walking along the edges of little creeks and ditches that run through the gallery forest and into the Yeguaré river.

Oporornis formosa (Wilson)

Kentucky Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05315 MHC 373 M 7/9/46, UF05314 MHC 344 18/8/46, UF05313 MHC 384 M 8/9/46).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: Found in the large trees near the Yeguaré and its tributaries.

Oporornis philadelphia (Wilson)

Mourning Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05307 MHC 259 M 24/4/46).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: Found in the trees in the garden of the EAP.

Oporornis tolmiei (Townsend)

Macgillivray's Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05304 MHC 274 M 1/5/46, UF05303 MHC 286 F 11/5/46).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: I do not have the arrival dates but several of these warblers were found feeding on the mistletoe berries in the big trees along the Yeguaré from May 1 through May 11, 1946.

Geothlypis trichas brachidactylus
(Swainson)

Common Yellowthroat

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05296 MHC 88 20/1/46, #106 7/2/46, UF05295 MHC 187 F 13/3/46).

STATUS: Winter visitant to the Yeguaré River Valley; recorded January 20 through May 12.

REMARKS: Yellowthroats were very common in the willows along the Yeguaré and its tributaries.

Geothlypis poliocephala caninucha
Baird

Gray-crowned Yellowthroat

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05279 MHC 549 M 18/6/48, UF05283 MHC 516 M 25/5/48, #315 M 6/8/46, UF05284 MHC 865 F 28/6/49, UF05280 MHC 709 F 20/1/49, UF05282 MHC 405 F 28/5/47, UF05281 MHC 25 21/10/45, #119 9/2/46, #367/11/45).

STATUS: Common summer resident of the Yeguaré River Valley.

REMARKS: They Gray-crowned Yellowthroat was one of the most common and characteristic birds of the *potreros* during the rainy season. The birds became noticeable around the middle of April. During May and June, their breeding season, they were quite secretive and silent but by the middle of July they would be found in flocks in the deep grass. The males would sit on the tops of acacias or telephone poles and sing a song reminiscent of a vireo. When alarmed the Gray-crowned Yellowthroat would raise the crown feathers of its head into a crest. By the first of September their feathers were quite worn and the shafts of the tail feathers projected some quarter of an inch beyond the vane. After the middle of October they disappeared from the Yeguaré River Valley -although one straggler was collected January 20.

Wilsonia pusilla (Wilson)

Wilson's Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05267 MHC 87 20/1/46, UF05268 MHC 487 F 24/9/47).

STATUS: Winter visitant to the Yeguaré River Valley.

REMARKS: UF05267 was collected in the gardens of the EAP and UF05268 was collected at the edge of the cloud forest on Uyuca.

Myioborus miniatus connectens
Dickey and van Rossem

Slate-throated Redstart

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05248 MHC 252 M 18/4/46).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Commonly found in the cloud forest on the peaks surrounding valley. It was often found hunting through the understory in company with a flock of *Chlorospingus ophthalmicus*.

Nesting: A male collected 18/4/46 had very large testes.

Setophaga ruticilla (Linnaeus)

American Redstart

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#199 19/3/46, UF05256 MHC 348 F 18/8/46, UF05258 MHC 347 F 22/8/46, UF05257 MHC 283 F 11/5/46, UF05259 MHC 378 8/9/46).

STATUS: Winter resident of the Yeguaré River Valley.

REMARKS: Not found here in great numbers but could consistently be found in the well developed thorn scrub or in the understory along the river *vega*.

Myioborus pictus guatemalae
(Sharpe)

Guatemalan Painted Redstart

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05254 MHC 756 M 12/2/49, UF05253 MHC 757 M 12/2/49, #661 18/11/48, UF05251 MHC 827 F 24/4/49, UF05250 MHC 297 28/8/46).

STATUS: Common resident of the Yeguaré River Valley.

REMARKS: Generally found in the pine woods on the hillside around the valley. Occasionally found in the oak/pine association at 914 meters but more typically found in the high pine forest at 1219 to 1524 meters.

Euthlypis lachrymosa (Bonaparte)

Fan-tailed Warbler

SPECIMENS AND RECORDS: Dept. El Paraiso, Monserrat (UF05242 MHC 226 3/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Not common. Found in the forest of Monserrat and presumably in the cloud forests on the other peaks around the valley.

Basileuterus rufifrons delatirii
Bonaparte

Rufous-capped Warbler

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05225 MHC 415 M 4/6/47, UF05224 MHC 532 M 13/6/48); Dept. El Paraiso, Choluteca river (325 M 10/8/46, UF05226 MHC 411 F 1/6/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in the low trees and shrubs of the *vega* forest along the Yeguaré, its tributaries and the Choluteca river.

Nesting: Males collected 6/6/47 and 13/6/48 were in breeding condition.

Family: Icteridae

Psarocolius montezuma (Lesson)

Montezuma Oropendula

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (#592 25/6/48); Dept. El Paraiso, Jamastran (UF05102 MHC 786 M 19/2/49).

STATUS: Common breeding resident of Rio Nato, Jamastran and in the woods around Lake Yojoa.

Amblycercus h. holosericeus (Deppe)

Yellow-billed Caciue

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05092 MHC 522 28/5/48); Dept. El Paraiso, Jamastran valley (UF05093 MHC 468 F 17/8/47).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Confined to the thickets along the river *vega*. They are very shy and skillful at hiding.

Dives dives (Deppe)

Melodious Blackbird

SPECIMENS AND RECORDS: Dept. Morazan, Yeguaré River Valley (UF05081 MHC 649 M 16/11/48, UF05080 MHC 690 F 28/12/48, UF05082 MHC 689 F 29/12/48); Dept. El Paraiso, Las Mesas (UF05083 MHC 546 F 8/6/48).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Commonly found, singly or in small flocks, in the thickets along the river *vega*. They were quite shy and although we could hear them whistling it was difficult to get a good view of them. However, in the late spring large flocks would gather to feed in the corn fields planted along the river.

Nesting: On June 5, 1949 a nest containing three young ready to fly was found. The nest was well constructed of rootlets lined with fine grass and leaves. Outside diameter was 20 cm and inside depth 18 cm. The nest was placed 1.5 meters from the ground in the fork of two branches, near the trunk, of a thorn tree, *Acacia tenuifolia*. In the same tree *Icterus gularis* and *Tyrannus melancholicus* were occupying nests. These birds were part of a large colony of several species of birds that nested in the thorn tree surrounding the small shallow pond, Laguna San Francisco. Other species in this colony were *Pitangus sulphuratus*, (*Icterus gularis*?) and some 25 *Myiozetes similis texensis*. At our approach the adult *Dives dives* slipped away but remained hidden in the vicinity and whistled.

Tangavius a. aeneus (Wagler)

Bronzed Cowbird, *Tordo*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05049 MHC 51 M 22/11/45, #166 M 11/3/46, UF05048 MHC 538 M 14/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in flocks in the cattle corral, the corn fields along the river and in the rice fields of the EAP. Starting about the middle of August a very large flock would sleep in the coyol palms on the campus of EAP. They would make a noisy departure early in the morning and return late in the evening. By December this large flock had broken up into small groups.

Nesting: In April the males were courting their females. A male, absurdly puffed up, would strut among his harem while the females unconcernedly continued to feed. On April 22, early in the morning, a pair of cowbirds were seen in cop on the leaf of a coyol palm. During April a pair of *Icterus w. wagleri* had built a nest in the new leaf of a traveler's palm on the lawn of our neighbor's house. The orioles were heard scolding and chasing female cowbirds from the vicinity of the nest. However a cowbird succeeded in invading the nest and the orioles raised one cowbird and two of their own young.

Cassidix m. mexicanus (Gmelin)

Great-tailed Grackle, *Zanate*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#852 M 18/6/49, UF05069 MHC 848 M 18/6/49, UF05068 MHC 693 M 28/12/48, UF05070 MHC 704 M 15/1/49, UF05073 MHC 845 M 14/6/49, UF05072 MHC 849 F 18/6/49, UF05071 MHC 851 F 18/6/49, #850 F 18/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: A large flock of several hundred Great-tailed Grackles dominated the bird colony of the EAP campus. Many local people referred to the school area as the "zanata" - place of the zanates. They also called the area "coyolal" - place of the coyol palms. Apparently these names had been used for a very long time. An almanac of the grackle's activities for a year follows: August - Mixed flocks of young and adult birds gather noisily in the morning prior to their daily foraging trips to the potreros, cattle corrals and river *vega*. During day only a few old males are found on the campus guarding the late nesters of

their harems. September and October - The large flocks only occasionally return to the campus. November - The old males return to the campus and take up their territories. The males are very noisy calling and clacking all day long. The females are beginning to build nests and may be seen industriously tugging at long pieces of bermuda grass in the lawn beneath their nest tree. December - A courting male approaches the waiting female with half opened wings held over his back, feathers of breast and neck extended, head thrust forward and shrieking. In this position a male waddles toward a female who usually hopped off about a meter and then paused to let the male approach her again. When she permitted copulation another two females flew down and walked around the pair in cop occasionally lowering their heads and fluttering their wings in a supplicating gesture.

Icterus spurius (Linnaeus)

Orchard Oriole

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valle (UF05138 MHC 4 F 25/7/45, #83 M 14/1/46, UF05140 MHC 183 F 13/3/46, UF05139 MHC 341 Mimm 15/7/46, #4 F 26/7/45, #340 F 15/7/45).

STATUS: Fall migrant and winter visitant to the Yeguaré River Valley.

REMARKS: Common in the thickets along the river *vega* and in the hedge rows in the *potreros*. On August 15 large flocks were present. On July 26 a single female was caught by a female *Accipiter chinogaster*.

Icterus c. chrysater (Lesson)

Yellow-backed Oriole, *Chorcha*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05143 MHC 441 U 13/7/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Moderately common in the pinewoods surrounding the valley. UF05143

was an immature bird, part of a large flock in the pine woods at Tabla Grande, altitude 1067 meters.

Icterus p. pectoralis (Wagler)

Spotted-breasted Oriole, *Chorcha*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05107 MHC 206 M 19/3/46, #659 M 18/11/48, UF05106 MHC 523 F 31/5/48, UF05111 MHC 528 F 3/6/48, #657 F 18/11/48); Dept. El Paraíso, Choluteca river (#609 F 25/7/48, UF05110 MHC 727 F 23/1/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: The Spotted-breasted Oriole preferred the larger trees along the roadways and in the hedge rows to the *carbonal*. UF05111 and UF05110 had greenish tails.

Nesting: On May 31 a female was collected with enlarged ovaries. On October 11 an adult pair and four young birds were seen feeding in the *molina* trees along the roadway.

Icterus m. mesomelas (Wagler)

Yellow-tailed Oriole

SPECIMENS AND RECORDS: Dept. Cortes, Amapa (UF05137 MHC 583 M 24/6/48).

STATUS: Apparent resident in the Amapa area.

Icterus g. galbula (Linnaeus)

Baltimore Oriole

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#112 M 8/2/46, #154 F 10/3/46).

STATUS: Migrant to the Yeguaré River Valley.

Icterus gularis gigas Griscom

Black-throated Oriole, *Chorcha*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#113 M 8/2/46, UF05123 MHC 686 M 29/12/48); Dept. El

Paraíso, Río Cobri (UF05125 MHC 719 M 22/1/49, UF05126 MHC 720 F 22/1/49), Choluteca river valley (UF05124 MHC 726 M 23/1/49); Dept. Valle, K 118 road to south coast (UF05122 MHC 749 F 6/2/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Generally found in the *carbonal* (thorn scrub) especially where it borders the river.

Nesting: 5/6/49 three pairs of Black-throated Orioles were building nests in the acacia trees on the shore of the small pond, Laguna San Francisco. One of the pairs had placed their nest in the same tree and less than a meter away from a nest of *Dives dives*. A pair of *Tyrannus melancholicus* had a nest in the same tree. In the nearby trees many *Myiozetes similis* were nesting.

Icterus w. wagleri Sclater

Black-vented Oriole, *Viuda*

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05144 MHC 763 F 12/2/49, UF05146 MHC 612 F 25/8/48, UF05145 MHC 521 F juv 29/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: *Icterus wagleri* was found in the same kind of habitat as *Icterus pectoralis* preferring trees and shrubby tangles along the river to the dryer more open *carbonal*.

Nesting: In April 1947 a pair of Black-vented Orioles built a nest deep in the axil of the leaves of a traveler's palm in the yard of our neighbor. The first brood was parasitized by a bronzed cowbird but raised two young of its own in addition to the cowbird young. In July and August the same pair of orioles raised a second brood in the same nest. In August 1948 a female *Icterus wagleri* was killed by a workman with a slingshot while the bird was on a nest built in the axil of a leaf of a coyol palm about 4.5 meters above the ground. The bird had a well developed incubating patch and the ovary was spent.

Icturus pustulatus slateri Cassin

Streak-backed Oriole

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05113 MHC 660 M 18/11/48, UF05112 MHC 656 F 18/11/48); Dept. El Paraíso, Río Cobri (UF05115 MHC 721 F 22/1/49), Río Choluteca (UF05114 MHC 608 M 25/7/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: The Streak-backed Oriole preferred the thorn scrub and groups of these birds would be found up on the hillsides where *carbonal* occurred.

Agelaius phoeniceus grinnelli

Red-winged Blackbird

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa, Agua Azul (UF05188 MHC 890 M 5/8/49, UF05189 MHC 883 M 30/7/49).

STATUS: Apparent resident.

REMARKS: Common in the marsh at Agua Azul.

Sturnella magna alticola Nelson

Eastern Meadowlark

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05204 MHC 529 M 4/6/48, #52 F 23/11/45, UF05203 MHC 148 F 6/3/46, UF05205 MHC 729 M 25/1/49); Dept. El Paraíso, Las Mesas (UF05206 MHC 545 juv 8/6/48, UF05207 MHC 544 juv 8/6/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Meadowlarks were common on the open *potreros* and short grass *llanos* in the Yeguaré River Valley. In addition many were seen in the open pine woods, with a grassy understory, in the gently sloping hillsides near Danli, Dept. El Paraíso.

Nesting: A female collected March 6 had well developed ova. On July 6 we came upon a pair of larks evidently guarding a nest in a

potrero of the EAP. It was apparently hidden in the bunches of guinea grass.

Family: Icteridae

Spiza americana (Gmelin)

Dickcissel

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#68 M 18/12/45, UF04785 MHC 69 U 18/12/45, #32 7/11/45, UF04786 MHC 644 13/11/48).

STATUS: Migrant to the Yeguaré River Valley.

REMARKS: In December 1945 several flocks amounting to 300-600 birds roosted in the tall guinea grass and *carbon* in the pastures. They made a tremendous noise with their twittering while settling for the night. April 25, 1946 - A big flock in the cane patch. April 22, 1949 - A big flock on the river *vega*.

Family: Thraupidae

Tanagra elegantissima (Bonaparte)

Blue-hooded Euphonia

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF05033 MHC 72 F 15/12/45, UF05034 MHC 73 F 15/12/45, UF05032 MHC 831 F 5/6/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Not as common as *Tanagra affinis* but their habits are much the same. Several pairs found feeding together on mistletoe berries in trees along the river, in the school gardens and in the hedge rows.

Tanagra affinis Lesson

Scrub Euphonia

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#442 M 12/6/47, #66 M 18/12/45, UF05024 MHC 129 M 27/1/46, UF05030 MHC 374 F 7/9/46, UF05026 MHC 662 M 18/11/48, UF05031 MHC 504 M

18/5/48, #67 F 18/12/45, UF05028 MHC 663 F 18/11/48, UF05029 MHC 832 F 5/6/49, UF05027 MHC 437 F 12/6/47, UF05025 MHC 511 M 20/5/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in the trees along the river and its tributaries or in trees in hedge rows wherever mistletoe grew. Found in pairs throughout the year and often several pairs would feed together.

Nesting: UF05029 had brood patch.

Tanagra l. larvata (Du Bus)

Golden-hooded Tanager

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF05007 MHC 560 F 22/6/48, UF05005 MHC 561 M 22/6/48, UF05008 MHC 573 M 23/6/48, UF05006 MHC 877 M 27/7/49, UF05009 MHC 902 M 7/8/49, UF05010 MHC 878 F 27/7/49).

STATUS: Resident of the Lake Yojoa area.

REMARKS: Very common in the gallery forest in the draws leading down to the lake.

Nesting: Female UF05007 collected June 22 was laying.

Piranga ludoviciana (Wilson)

Western Tanager

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04928 MHC 743 F 30/1/49).

STATUS: Uncommon migrant and winter visitant to the Yeguaré River Valley.

REMARKS: UF04928 was with several others in a tall tree on the banks of the Yeguaré river.

Piranga r. rubra (Linnaeus)

Summer Tanager

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#814 M 9/4/49); Dept. El Paraiso, Jamastran, Rio Guayambre

(UF04955 MHC 780 M 20/2/49, UF04956 MHC 787 M 20/2/49).

STATUS: Migrant and winter visitant to the Yeguaré River Valley.

REMARKS: Found in the tall trees along the Yeguaré's edge. A flock was observed in the big fig trees on the banks of Rio Guayambre.

Piranga flava albifacies Zimmer

Hepatic Tanager

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04944 MHC 42 F 15/11/45, UF04943 MHC 48 F 21/11/45, UF04945 MHC 49 M 21/11/45, UF04946 MHC 352 M 25/8/46, UF04942 MHC 117 M 8/2/46, UF04947 MHC 397 M juv 6/10/46).

STATUS: Resident in the Yeguaré River Valley.

REMARKS: Very common in the pine woods on the hillsides around the valley. Their call is a short, sparrow-like, musical chirp. When one of a trio was killed the remaining two did not fly away but hopped around scolding in raucous voices.

Piranga l. leucoptera (Trudeau)

White-winged Tanager

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04935 MHC 559 M 22/6/48).

STATUS: Resident of the Yojoa area.

REMARKS: Found in the gallery forest near Lake Yojoa.

Piranga bidentata sanguinolenta (Lafresnaye)

Flame-colored Tanager

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF04925 MHC 680 M 26/11/48); Dept. El Paraiso, Dromadero (#445 13/7/47).

STATUS: Resident of the peaks around the Yeguaré Valley.

REMARKS: Found only on the highest peaks of the mountains. Both specimens were found in the wind pruned trees 1371 meters (Dromadero) and 1860 meters (Uyuca).

Thraupis episcopus (Linnaeus)

Blue-gray Tanager

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran (#463 M 17/8/47, UF04987 MHC 458 M 17/8/47, UF04988 MHC 479 F 17/8/47); Dept. Atlantida, Lancetilla (UF04989 MHC 810 M 1/4/49).

STATUS: Resident.

REMARKS: Very common in the hedge rows along the road in Jamastran 457 meters. Also common in the garden at Lancetilla, 18 meters.

Thraupis abbas (Deppe)

Yellow winged Tanager

SPECIMENS AND RECORDS: Dept. El Paraiso, Jamastran Valley (UF04972 MHC 459 M 17/8/47); Dept. Cortes, Lake Yojoa, Agua Azul (UF04973 MHC 879 F 27/7/49, UF04974 MHC 906 F 9/8/49).

STATUS: Resident.

Ramphocelus p. passerinii Bonaparte

Scarlet-rumped Tanager

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04966 MHC 555 M 21/6/48, UF04967 MHC 597 F 26/6/48); Dept. Atlantida, Lancetilla (#816 M 1/4/49, UF04968 MHC 809 M 1/4/49).

STATUS: Resident.

REMARKS: Very common in old fields around the shore of Lake Yojoa and in the botanical gardens of Lancetilla.

Nesting: On June 21, 1948 a nest was found in a field near the lake shore. The nest was placed in the crotch of a shrub some .60 meters above the ground. It was constructed

of rootlets. Two eggs were present - blue with dark brown mottlings.

Ramphocelus sanguinolentus
(Lesson)

Crimson-collared Tanager

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04964 MHC 596 F 26/6/48).

STATUS: Resident of the area.

REMARKS: UF04964 was in the rain forest on Isleta at Lake Yojoa.

Chlorospingus ophthalmicus
honduratus Berlepsch

Common Bush-tanager

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Uyuca (UF04906 MHC 527 F 4/6/48, #488 F 24/9/47, UF04905 MHC 517 M 26/5/48, #534 F 11/6/48, UF04904 MHC 669 F 20/11/48), San Juancito (#738 M 21/1/49, UF04903 MHC 433 M 29/6/47, UF04902 MHC 429 F 29/6/47); Dept. El Paraiso, Monserrat (UF04908 MHC 163 10/3/46, UF04907 MHC 164 10/3/46).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Very common in the cloud forest in the peaks surrounding the valley. On June 28, 1947 on San Juancito we observed a great many *Chlorospingus*. They apparently hunt in flocks. We found a few freshly made nests constructed of wet live moss lined with dead moss fibre. The bush-tanager can be easily squeaked up. When alarmed they utter a curious whistle. We saw several birds chasing each other but did not see actual mating.

Habia fuscicauda salvini (Berlepsch)

Red-throated Ant-tanager

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04921 MHC 593 M 26/6/48); Dept. Atlantida, Lancetilla (UF04922 MHC 815 M 1/4/49).

STATUS: Resident of the area.

Cyanerpes cyaneus carneipes
(Sclater)

Blue Honeycreeper

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF05483 MHC 914 M 12/8/49, UF05485 MHC 897 7/8/49, UF05485 MHC 896 M 7/8/49).

STATUS: Common resident of the forest around the lake shore.

Family: Emberizidae

Saltator a. atriceps (Lesson)

Black-headed Saltator

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04846 MHC 764 M 12/2/49, #766 M 13/2/49, UF04848 MHC 765 M 13/2/49, UF04844 MHC 539 F 14/6/48, UF04845 MHC 355 F 28/8/48).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common everywhere in the valley where trees were present - along the river edge, roadways, on the campus, and up into the oak *faldas* around the edge of the valley. Small flocks of 6 to 8 birds were usually found noisily traveling together from tree to tree.

Saltator grandis hesperis Griscom

Middle American Saltator

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#338 M 15/8/46, UF04834 MHC 514 F 24/5/48, UF04833 MHC 649 F 29/12/48, UF04835 MHC 696 M 15/1/49, #514 F 25/5/48, UF04836 MHC 100 2/2/46); Dept. El Paraiso, Jamastrán valley (UF04837 MHC 464 17/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in hedge rows and in thick tangles along the river *vega*.

Nesting: On 3/6/49 a nest was found on the edge of a thicket on the banks of the small creek, Rio de la Orilla. The nest was placed about 2 meters from the ground in a dense tangle of blackberry vines and a large composite. The nest was loosely constructed of the dried head of the flowers of the same composite. Two eggs were present, both measuring 29 mm x 20 mm. They were blue with dark chocolate colored wiggles on the larger end. The single adult bird present slipped away and remained quiet and hidden while I was in the area.

Pheucticus ludovicianus (Linnaeus)

Rose-breasted Grosbeak

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#120 M 13/2/46, UF04818 MHC 698 M 15/1/49, UF04819 MHC 707 F 20/1/49).

STATUS: Migrant in the Yeguaré River Valley.

REMARKS: Preferred the tangles along the *vega* of the Yeguaré. I did not notice the heavy fall migration mentioned by van Rossem.

Plumage notes: The male collected 13/2/46 had a good deal of brown on the sides and flanks; the primaries were brownish; new black tail feather were coming in.

Guiraca caerulea lazula (Lesson)

Blue Gorsbeak

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04801 MHC 769 M 14/2/49, UF04800 MHC 137 M 27/2/46, UF04799 MHC 172 M 10/3/46, #607 M 11/7/48, UF04803 MHC 768 F 11/2/49, UF04802 MHC 284 F 11/5/46).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Very common in the hedge rows in the valley.

Passerina cyanea (Linnaeus)

Indigo Bunting

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04794 MHC 35 M 11/11/45, #116 M 8/2/46, UF04794 MHC 127 M 17/2/46, UF04793 MHC 772 M 14/2/49, UF04795 MHC 173 F 10/3/46, #109 F 8/2/46).

STATUS: Migrant and winter visitant to the Yeguaré River Valley.

REMARKS: Very common in large flocks in the potreros and corn fields. Peak number observed in February.

Passerina ciris (Linnaeus)

Painted bunting

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#126 M 17/2/46).

STATUS: Migrant and winter visitant to the Yeguaré River Valley.

REMARKS: Not as common as the Indigo Bunting. A few Painted Buntings were found feeding with the large flocks of Indigo Buntings feeding in the maicillo fields on the vega of the Yeguaré.

Cyanocompsa p. parellina
(Bonaparte)

Blue Bunting

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04796 MHC 289 M 11/5/46).

STATUS: Occasional visitor to the Yeguaré River Valley.

REMARKS: A small flock was observed feeding in the hedge rows along the potreros in the valley.

Tiaris olivacea pusilla Swainson

Yellow-faced Grassquit

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04774 MHC 155 M 10/3/46, #156 M 10/3/46, #236 M 4/4/46, UF04775 MHC 838 M 12/6/49); Dept. Cortes, Lake Yojoa (#873 F 26/7/49).

STATUS: Breeding resident of the Yeguaré River Valley and the Lake Yojoa area.

REMARKS: In the Yeguaré valley they were common in the potreros and high fields in surrounding hills up to 1675 meters.

Nesting: This grassquit was found in large flocks in March. In May they were breaking up into pairs but still in flocks, often mixed with *Volatinia jacarina splendens*. During June and July there were not found in flocks but by August they again were found in small flocks. I have no records for the Yellow-faced Grassquit in the Yeguaré valley from October until March, probably due to my not keeping more complete field notes. At Lake Yojoa a female was collected 26/7/49 containing eggs. At this same date several pairs were seen in cop in the fields around the lake.

Feeding: In July several of these grassquits were seen feeding on the berries of a *nelastome* in a field near Lake Yojoa.

Arremonops conirostris richmondi
Ridgway

Black-striped Sparrow

SPECIMENS AND RECORDS: Dept. El Paraíso, Jamastrán valley (UF04707 MHC 781 U 20/2/49, UF04708 MHC 465 F 17/8/47); Dept. Atlántida, Lancetilla (UF04709 MHC 820 F 1/4/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the thorn scrub and in the roadside thickets.

Sporophila torqueola morelleti
(Bonaparte)

White-collard Seedeater

SPECIMENS AND RECORDS: Dept. Cortes, Lake Yojoa (UF04767 MHC 590 M 25/6/48).

STATUS: Common resident in the scrubby fields around the lake shore. UF04767 was in breeding condition.

Volatinia jacarina splendens
(Vieillot)

Blue-black Grassquit

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04759 MHC 138 F 27/2/46, #186 M 13/3/46, UF04760 MHC 192 F 15/3/46, #34 F 7/11/45, UF04755 MHC 503 F 18/5/48, UF04756 MHC 366 F 1/9/46, UF04757 MHC 514 M 25/5/48, UF04758 MHC 623 F 21/9/48); Dept. Cortes, Lake Yojoa (UF04762 MHC 908 M 10/8/49).

STATUS: Breeding resident of the Yeguaré River Valley.

REMARKS: Very common in large flocks in the *potreros* in the valley.

Nesting: In May pairs were beginning to separate from the flocks. The plumage of the males was beginning to change to glossy black. By June 2 there were literally hundreds of pairs of these grassquits in the grassy fields behind our house on the edge of the campus of EAP. The males had completed their moult. Beginning at 4:45 in the morning the males held a fine chorus until around 8:30. Apparently every grass clump was occupied by a male and very few seconds he would hop vertically about 1 meter into the air and then plunge straight down to the original perch. On the downward plunge the gleaming white shoulder patches would be displayed. The insistent buzzing song interspersed with sharp cheeps formed an almost deafening chorus and the sight of so many leaping and diving black and white little birds was

dizzying. Indeed, the effect was quite as described by van Rossem as popcorn in a hopper. During the breeding season, June to September, there were still flocks of grassquits to be found feeding together in the *potreros*. As late as September 3 a nest was found in a stunted acacia on the *potrero*. It was placed about .6 meters from the ground and was constructed of grass roots. The nest was about 8 cm in diameter. It contained two young almost ready to fly. At Lake Yojoa a nest was seen being built on July 28. It too was placed in a small acacia tree. The outer layer of the nest was grass and rootlets and lining was made of fine grass tips.

Zonotrichia capensis septentrionalis
Griscom

Rufous-collared Sparrow

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF04567 MHC 448 U 2/8/47), San Juancito Mts. (UF04568 MHC 456 M 10/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in the edges of the forested peaks around the valley.

Aimophila r. ruficauda (Bonaparte)

Striped-headed Sparrow

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (#250 M 7/4/46, UF04619 MHC 287 M 11/5/46, UF04618 MHC 630 F 6/11/48, UF04617 MHC 629 6/11/48); Dept. Valle, road to Pacific coast, 91 meters (UF04624 MHC 751 M 5/2/49, UF04623 MHC 753 M 5/2/49, UF04620 MHC 750 F 5/2/49, UF04622 MHC 752 F 5/2/49, UF04621 MHC 754 F 5/2/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Very common in small flocks in the hedge rows along the *potreros*, the river edge and along the roads up into the hills. The Striped-headed Sparrow has a very musical whistle.

Aimophila rufescens (Swainson)

Rusty Sparrow

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04636 MHC 90 M 27/1/46, #351 M 25/8/46, UF04633 MHC 447 2/8/47); Dept. El Paraíso, Jamastrán (UF04631 MHC 467 F 17/8/47), Dromadero (UF04616 MHC 443 F 26/7/47), Portillo de los Arados (UF04632 MHC 434 juv 28/6/47); Dept. Cortes, Lake Yojoa (UF04629 MHC 562 juv 22/6/48, UF04630 MHC 901 U 7/8/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Commonly found in old fields at all altitudes. In the Yeguaré River Valley they preferred the hedge rows in the *potreros* and along the river *vega*. They were also common in the mixed scrub that develops in level pockets of land high in the pinewoods. We often found them at 1675 meters altitude. In addition we collected them in the thorn scrub in Jamastrán at 457 meters and in the old scrubby fields near the shore of Lake Yojoa at 61 meters.

Ammodramus savannarum (Gmelin)

Grasshopper Sparrow

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04647 MHC 198 F 19/3/46).

STATUS: Winter visitant and spring migrant to the Yeguaré River Valley.

REMARKS: Not uncommon in the grassy *potreros* in the river valley.

Spizella passerina pinetorum Salvin

Chipping Sparrow

SPECIMENS AND RECORDS: Dept. El Paraíso, road to Guinope (UF04589 MHC 318 4/8/46, #317 4/8/46, UF04587 MHC 307 4/8/46, UF04590 MHC 313 4/8/46, UF04588 MHC 316 4/8/46), road to Moroceli (UF04586 MHC 219 M 26/3/46); Dept. Cortes, Lake Yojoa, Agua Azul (UF04591 MHC 910 F 10/8/49).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Common in the open pine woods on the hills around the valley, 914 to 1219 meters altitude.

Atlapetes gutturalis fuscipygius
Dwight and Griscom

Yellow-throated Brush-finch

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF04730 MHC 677 F 24/11/48, UF04732 MHC 684 3/12/48, UF04731 MHC 774 12/2/49, UF04733 MHC 449 SNO 2/8/47, UF04734 MHC 453 SNO 10/8/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Usually found in small flocks around the edges of the cloud forest and the mixed scrub of the high pine forest, 1524 to 2134 meters.

Atlapetes brunneinuchus alleni
Parkes

Chestnut-capped Brush-finch

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (UF04728 MHC 670 F 20/11/48), San Juancito (UF04724 MHC 425 U 29/6/48, UF04725 MHC 554 M 19/6/48); Dept. El Paraíso, Portillo de los Arados (UF04727 MHC 439 M 14/7/47, UF04726 MHC 438 juv 14/7/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forests in the peaks around the valley. It often occurs in small flocks or with flocks of *Chlorospingus*.

Loxia curvirostra misamericana
Griscom

Crossbill

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04856 MHC

400 M 8/10/46, UF04854 MHC 391 F 27/9/46, UF04855 MHC 394 F 6/10/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Fairly common in the high pine woods, 1158 meters, on the hills around the valley. Flocks were seen feeding high in the tops of the pine trees.

Spinus notatus oleaceus Griscom

Pine Siskin

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley, Uyuca (#82 M 13/1/46, UF04976 MHC 298 F 28/7/46); Dept. El Paraiso, Portillo de los Arados (UF04875 MHC 436 M 28/6/47).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Very common in high pine woods up to 1524 meters altitude. Usually flocks of Siskins would be feeding together in the tree tops. They were often accompanied by Decorated Warblers.

Nesting: A male collected on June 28 had two enlarged testes.

Feeding: 28/7/46 - crop filled with shelled out white seeds.

Spinus psaltria columbianus (Lafresnaye)

Central American Goldfinch

SPECIMENS AND RECORDS: Dept. Francisco Morazan, Yeguaré River Valley (UF04865 MHC 622 M 2/9/48, UF04861 MHC 301 M 30/7/46, UF04863 MHC 279 M 9/6/46, UF04867 MHC 280 F 9/5/46, #281 M 9/5/46, UF04862 MHC 362 F 31/8/46, UF04866 MHC 364 M 1/9/46, UF04864 MHC 365 F 1/9/46, #17 F 8/10/45).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Very common in the *potreros* of the valley. In July they were sleeping in flocks in a tree near the edge of a potrero. On September 1 flocks were roosting for the night in a tall ceiba tree in the *chaguite* Madre Vieja.

Feeding: In May flocks were feeding on the red wax covered berries of mistletoe. Birds had bills and feed covered with the waxy material that covers the berries.

Breeding: 2/9/48 - a female collected contained eggs, one with shell forming. 13/9/48 - a nest containing three young almost ready to fly was found. The nest was placed in the crotch of the limbs of small orange tree about 2 meters from the ground. It was made of weed stems and lined with plant fibers, rootlets and a small amount of horse hair. The shallow saucer shaped nest measured 6.4 cm for the inside diameter and was 1.9 cm deep. Both parents were in attendance. 21/9/48 - a pair feeding two young birds was seen in the thicket along the river edge.

Diglossa barbitula parva Griscom

Mountain Honey Creeper

SPECIMENS AND RECORDS: Dept. Morazan, Yeguaré River Valley, San Juancito - observed; Dept. El Paraiso, Monserrat (UF05500 MHC 162 M 10/3/46).

STATUS: Resident of the Yeguaré River Valley.

REMARKS: Found in the cloud forest on the peak surrounding the valley.