

Journal

7/8/66

July 8, 1966. Los Angeles to Altar Sonora,
 Left Los Angeles 12:Noon, arriving Mexicali
 (via Hwy's 71, 79, 98, S-2) at 4:15PM; drove on to
 Los Vidrios after picking up tourist cards. Ate
 Supper at Vidrios, & drove on to Sonoyta for
 car permit; (found on AOR Pituophis); got car
 permit & back on road after gas stop; by
 8:45PM. Road collected between Sonoyta &
 Caborca; 1 Chionactis, 4 P. ^{Arizona elegans} browni, 1 Hypsiglena
 6 S. couchi, 2 B. alvarius, & 1 Pterohyla F. diens.
 Started to see Scaphs about 2 mi N. Caborca.
 Drove on to Altar & spent night on roadside.
 Saw Scaphs all the way to Altar. Closed
 shop at 12:30AM:

7/9/66

July 9, 1966 Altar Sonora to 20mi N. Mazatlan
 Up at 5:25AM; drove to Santa Ana for Gas &
 breakfast. Saw Scaphs & toads dead all the
 way; Found 1 DOR Arizona elegans. Drove to
 20 mi N. Mazatlan; saw only one DOR snake;
Pituophis melanoleucas, 22 mi S. Culiacan.

7/10/66

July 10: Driving
 From 20mi N. Mazatlan to Atequique; saw several
 dor snakes badly mangled; picked up Leptodeira
punctata & Natrix valida & later discarded; Natrix was
 5 mi S., & Leptodeira 13 mi S. Acaponeta, turnoff. Found
 AOR Kinosternon 3mi N. Acaponeta; & AOR Drymobius
 20mi S. Acaponeta. Arrived Guadalajara 2:PM; CST;
 gassed; lub job; & drove to N. side of Lake
 where we serried 3 Kinosternon; 2 Leptodactylus & 1
Rana megapoda. Drove on to Atequique camp

JOURNAL

7/10/66 July 10, 1966 Cont. - $\frac{1}{2}$ mi E Atenguizque; Found 4 Eleuther.

Rana sinaloae?; 1 Phyllomedusa, + 2 Land crabs
in holes in sides of rock face along stream. Drove up
baranca wall to junction 2 $\frac{1}{2}$ mi; + collected 7 Tamodactylus
nitidus. Returned to camp site for night.

7/11/66 July 11, 1966; Atenguizque to Colima & return.


Ate jelly + bread for breakfast, preserved amphibians
collected on 10th; went collecting around baños;
found Ameiva, Cnemidophorus, Sceloporus utiformis
Urosaurus beetles (Loud ones); LEFT for Colima
11:30AM; drove new road to MEXICO; stopped
at Rio Tuxpan (Colima side); + collected Cnem.
S. utiformis, Bufo, Beetles, Ants; - Drove into
Colima (20mi) 3:30PM; picked up postal cards,
wrote Mary + Roy. Bought food for stay on
mountain. Return to Rio Tuxpan; LEFT at
dark for road collecting: at some ponds
near Pihuamo; Smilisca R. pipiens,
Phyllomedusa; Leptodactylus, H. smithi;
Pternohyla; heard Engystomops; 2 Leptodeira
feeding on Leptodactylus tadpoles. Food similar
to Natrix; Leptodactylus tad. very active
& fast, move from pot hole (cow track)
to pot hole rapidly, propelling themselves
with hind legs & tail (no forelimbs). At
Atenguizque found two more crabs + 2
Eleutherodactylus + 1 Rana pustulosa.
in bed by midnite.

7/12/66 Atenguizque to Volcan de Colima Road.

Up at 7:00AM, Bread + jelly breakfast; took.

7/12/66 Cont. - LEFT for mountain 8:30 AM; drove to road fork; + took Volcan road for 4 mi; van into Bulldozer clearing road + could go no further (9400'); turned Log + found Crotalus under bark of fallen pine next to tree trunk; also 4 S. grammicus + beetles. Drove back to 8200'; + found 4 Tomodactylus under Logs; 1 S. gulleri, saw more; also saw Eumeces, but missed it. Down to 7700' at road junction (Volcan - Nevada) + set up camp; finished by 2:00 PM - Ron + I weak from not eating + elevation; plus gasoline can leaked in truck + fumes strong; both of us with headache. - Aspirin + rest until 4:00 PM put up stuff call nite before; + ate supper at 6:00 PM - waited until dark to collect amphibians. collected until 10:30 PM. found 30 Tomodactylus (see color notes); ate two green bananas before going to bed.

July 13, 1966 Camp, 7700': Up at 2:00^{AM}; rain; back to bed; up at 5: - 6:30; back to bed until 8:00 AM. Very wet, heavy mist on mountain; fixed oatmeal for breakfast; box apparently got soaked with Pemax-Sol gasoline, as did most everything else; oatmeal reeked of gasoline fumes; but after due consideration; ate same! Collected between 9:30 - 12:30; 4 Tomodactylus + 5 S. grammicus; saw Gulleri but did not collect any; Ate chili for lunch. Collected all evening; 1 Geophis 1 Gerrhonotus 1 Pseudoeurycea 20 Tomodactylus, 6 clutches + ? eggs; 4 S. gulleri; 3 S. grammicus. Ate supper; Potatoes, Roast Beef; milk, coffee, fruit juice; + watermelon!! Coll. until 9:15 PM; + additional 16 Tomodactylus.

July 14, 1966 Nevada de Colima: up at 6:30 AM; ranch style breakfast;
Loaded gear for Trip to Nevada. Rained heavy in the
night; concerned about road. Drove 300 yds + got
stuck in mudhole on curve; with some effort with
shovel (30 min); got out of hole + continued on
for mile + a half when on smooth road; gear shift
jumped into neutral; tried to shift back but nothing
happened. Backed down to curve + parked. Thought
the differential went out. Atenguigue Lumber Co.
truck came by; + asked for a tow to Atenguigue.
He said it was much too dangerous. He called on
his truck radio for a mechanic to come up + look
at truck. He went on to work; + mechanic came
in about 3 hours. He failed to bring the proper
tools for pulling a wheel (we had found out by
jacking the "rear" in up that the left rear axle
was broken (drive shaft). After much pounding +
pulling, etc., we finally got the wheel off; the
shaft was broken in the middle. It was an
apparent old crack that finally gave way. 
To pull rest of shaft, he stuck a stick into the
axle (not a clean one either) + looped a rope over
the broken end; + pulled it out. Shortly the
jefe returned + brought me back to camp.
He took the mechanic + the broken drive shaft
to Atenguigue + on to P. Guzman to see if
he could find a part. He indicated he would
return "Mañana temprano"; but I have my
doubts. All of our chow was in the truck.

July 14, 1966: cont. Ron + I walked back to the truck + collected food for breakfast + lunch; just in case; + also carried water back: 3 mi round trip + down 400' + up 400'; so it is quite a climb. Found two more clutches of Tomodactylus eggs, counted same + re-covered them. Found 1 S. grammicus + 10 Tomodactylus under logs + decr. 5:30 PM by time we returned to camp; had no lunch; so we ate watermelon + will eat supper later. Ron is now (6:00 PM) preserving hcp's; + it's raining again. Did not collect this night. Ate hash + peas for supper, in bed by 9:00 PM.

July 15, 1966 same locality; up at 7:00 AM; Pemex Sol Octmeal for breakfast; Ron collected in baranca until noon; I went up main road to "Madera" storage area; truck stopped + no T. suspected! - told me the "Flecha" had to be ordered from Guadalajara. So; do not know when we will be able to get off the mountain. Ate lunch (chili) + Ron + I returned to Madera storage area, about mile east of camp. Ron collected sev. Tomys, 1 Pseudoeurycea, + 1 Geophis from Baranca; from Madera storage area, I^{+Ron} collected 1 Pseudoeurycea, 7 Geophis, 1 Crotalus, 5 S. bulleri, 7 S. grammicus; + 1 Eumeces. A few Tomys were taken here also. Found one "Madera" with 3 Tomys nests 16, 33, + 89 eggs, the latter apparently composite nest because of varying sizes of eggs; found another under "Madera" 31 eggs. Returned to camp 3:00 PM - ate rest of watermelon;

July 15, 1966 (cont.). Started preserving herps at 4:00 PM; began raining shortly after 4:00 PM; rained heavy until 6:00 PM; collected 5 gallons of rainwater, as we are almost out of CALIF. water. Ron has the "trets"; which has kept him busy most of day. We are out of Food; gasoline, in camp, which means a 3 mi walk to Truck + back. We have already walked 10+ miles today; + in the mood to walk to truck. 7:45 PM, we walk to truck; pick up gasoline, additional food; + collect Tomps (16) on return trip; in bed by 10:30 PM.

July 16, 1966 IBID LOCALITY: up at 6:30 AM; opened tent up to dry out after rain; Air Temp 52°F; wind blowing! Had bread + jelly for breakfast; visited around camp for part + mechanic to show up. Collected insects until noon; just started to fix lunch; + mechanic showed up with part. Left immediately with him for truck. Could not find american part; so put in german made shaft, it fits so he put it in. all ready to go by 2:30 PM; Truck wouldn't start; had to push it down mountain for 3-400 yds before it would start. finally back in camp by 3:00 PM; paid mechanic \$160⁰⁰ for part, + 70.⁰⁰ Labor Mex; Ron + I took down tent + wss. off for Atenguiguo by 3:45 PM. Arrived Atenguiguo 20 til 5.; mailed letter to Mary + Fred; bought gasoline, + food; + returned to mountain at 6:00; 9 mi W. Atenguiguo by road. found side unused road; camped in middle of it; + set up tent. Vegetation mainly oak + pine, but with more tropical

July 16, 1966 (cont.) understory of Lianas + shrubs, more thorny plants. Found ^{1 Anolis} 1 Leptodeira, 1 Crotalus, 12 Eumeces + S. bulleri; + 1 Eleutherodactylus (hatchling), all under logs. Ate supper (roast beef + beans, coffee) + put up herps. Begin raining about 7:00 PM; Lestel until 8:30 PM; went collecting + found 12 Syrrophus nivicoliniae, 1 Anolis, + 1 S. Bulleri In bed by 10:30 PM.

July 17, 1966 TBID LOCALITY: Stayed in vicinity of $1\frac{1}{2}$ miles of camp; collected all day, with exception of 30 min for lunch; ended at 5:00 PM; many insects + ants; 15-Eumeces, 2 Eleutherodactylus (adults), 11-Sceloporus bulleri; 6-Anolis; + Ron collected a large Crotalus. Oh joy! his 3rd snake of the trip. Now preserving all herps collected during day, including color notes on Eleutherodactylus, Anolis, Crotalus, Leptodeira, Syrrophus: Ate bread + jelly for supper; + drove up mountain at 7:30 to hear calls of Tomodactylus + Syrrophus. At 7325', 11 mi W. Atequipuc by road, Tomodactylus calls were abundant; only one-two Syrrophus were heard. 7175' only 3 Tomodactylus were heard + many Syrrophus. 7060; 1 Tom. was heard; 6950; only Syrrophus were heard calling; 1 Syrrophus was collected at 7175'; + 3 at 6950. Let Ron out 1 mi from camp, to collect Syrrophus on way in. Ron collected 10 Syrrophus on way in. In bed by 10:30 PM

July 18, 1969 Camp → La Huerta: Up by 6:30 AM; ate toast + jelly for breakfast; broke camp; + Ron made PEACE with brown bread; drove to Tonila cut-off; + 16 mi of good gravel road; Stopped beyond ~~Platanar~~; bathed in tributary of Rio Atemquique; + Ron coll. Tiger beetles; Drove on to Colima. Mailed letters + received letter from Roy + Loomis. Tightly tied Lug on "Flecha" + drove to 2 mi S. Manzanillo, where Ron + I stampid thru stinking brackish water estuary in search of crabs; found 1 fiddler crab; - drove into Manzanillo about 1:00 PM. Drove 3 mi N along beach; + collected for lizards; coll. 2 Cnemidophorus, 1 Iguana; + 1 Salvadora, + also found several Land crabs for Don; (Ron pinched again!!) - also tiger beetles + ants + wasps - had fine bout with wasps, Ron revealed his agility!! Ate supper in Savy Cafe; but shortly before supper; we had a flat. Repaired same in Manzanillo. Started for La Huerta about 7:30 PM - immediately found large ♀ Land crabs heading for beach to deposit? eggs; collected 5 for Don. Also found more of smaller type crossing road + picked up 3 of these one escaped - (Ron pinched again!!). Drove into Berme de Navidad, where we had pepsi - + found another species of Land crab on beach. Had merry foot chase between walkers + crabs; caught several

July 18, 1966 (cont.) For Don. - at much expense of perspiration + grunts!! VERY HOT!! Found smaller, bluish crabs farther in land, up to 5 mi from Navidad. Drove on to La Huerta; where we spent night on roadside. Found Lexocemus, Natrix Smilisca, + Trimorphodon on way in. VERY HOT - crabs ran back + forth in sack all night; Ass grazed + Horses munched!! Ransays I smoked!! Don will surely appreciate our nights of Farts + Least sleep - THE KING IS A FINK!

July 19, 1966 La Huerta - Guadalajara.

Ate Desayuno in La Huerta; drove to 4200', for pres. of herps; found Sibon + Drymarchon on way up. Drove to just past Union de Tula where in road cut collected 15 S. dupesi + 1 Drymarchon. Drove on to edge of Lake Atotonilco, 13 mi E Cocula, 2 mi W Acatlan; 4300', where we collected S. horvidus, 3 sp. Craegs?; Hyla eximia, Leptodactylus, Thamnophis, Natrix, Rana pipiens, Rana macspoda, + saw many Kinosternon, + Got tiny one. Mosquitos very bad; rained little around 5:30 PM. Drove in to Acatlan for supper; + the coll. Lake at dark; arriving in Guadalajara about 11:00 PM; Motel Campo Bello room, + to bed - very tired!!

July 20, 1966 Up at 7:00 AM; - Ate breakfast; drove into market; purchased items for personal use; back to bank for travel check cash + cambio - back to motel where we put up all material collected night before.

July 20, 1966 Cont. (Guadalajara - 60 mi S. Mazatlan). Left motel at 12:00 Noon, got gas + left for Mazatlan. Stopped at Tequila for photos; Stopped 18 mi S. of Magdalena for collecting - pair - 1 Cnemid + 2 beetles. About dark at Turpan junction; ate bananas + had pepsi; from here on to 9 mi S. Escuinapa; found Bufo spp.; Smilisca; Phyllomedusa; Imantodes; Boa; Phyllodactylus; Leptodeira punctata; + Rana pipiens. Camped 9 mi S. Escuinapa.

July 21, 1966. Camp To (5 mi N. Culiacan)

Drove into Mazatlan; 7:00 AM arrival - Ron slept while I drove 60 mi to Mazatlan; - Ate, gassed up; + drove to Seaside Trailer Park. Put up material collected night before. Met. Duane M. Miller; Pacific Coast Enterprises, Inc.; 604 So Catalina St.; L.A. Calif, who had two sons with him, whom I gave Boa to; + collected Ctenosaur for. Also met owner of Trailer park; Larry Sinzel; + his mang. - Jesus Sanchez; + Manager of Playa del Rey Hotel across road - Larry Breton; - Went Lizard collecting at 10:00 AM; found 3 Cnem. + 1 Holbrookia; + several crabs. Went back to camp; 12 Noon; ate lunch; + returned for crab collecting. Found about 8-10 species of crabs; spent most of afternoon floundering in mangrove swamp with shovel digging up crabs from roots of mangrove - After much sweat, mud, stench; + insects, decided Don could collect his own CRABS after this!! Left camp at 4:30 PM for

July 21, 1966 (Con.) Culiacan; where on the way we found 4 Thamnophis,
Masticophis, + Drymarcon. Arriv. Culiacan 8:30 PM -
ate; + drove on to 15 mi N. Culiacan for night; +
found 1 Lampropeltis en way.

July 22, 1966 - 15 mi N. Culiacan to Hermosillo: Up at 7:00 AM; ate bananas
+ cookies for breakfast; checked Ray's area for
Stenosaura; 19 mi of stretch from land, remaining
area rolling hills with few to no outcroppings.
Saw no Stenosaura. found Stenosaura area
9 mi S. Guamuchil; also strange Cnemid, began
taking mileage for Ray at Los Muchis junction. -
4 mi N. Los Muchis found Dipsosaurus, Cnemid, strange one,
Hellbuckia; Sceloporus. Stopped at Rio Maza for
hemp preparation, also coll. Callisaurus, + C. tigris.
Drove on to Guaymas; ate supper; drove to San
Carlos Bay + coll. Fiddler Crabs for don Don! Drove
on to Hermosillo; + on way found 2 Thamnophis,
Crotalus tigris; C. molossus; Tummarhodon,
Scaphiopus couchi, Pteromalys; B. punctatus + saw
B. alvarius. Camped about 3 mi N. Hermosillo,
11:30 PM; - many "MOSQUITOS"!!!

July 23, 1966 Up at 5:00 AM; MOSQUITOS - SANGUROS!!
bit at all hours; couldn't stay outside sleeping
bag, + couldn't stay in it; - so not much sleep
at all. Drove back to Hermosillo for breakfast,
closed until 7:00 AM; put up herts until 7:00 PM;
ate + left for points north. Stopped 28 mi
N. for Cnemid + Dipsosaurus + Hellbuckia; also
Masticophis 25 mi N.; Drove on to 60 mi N.

July 23, Cont.) Hermosillo, + Coll. Dipsosaurus, Cnem., + stopped
1 mi N. Benjamin Hill to put up traps. In
exercizing my "tourista" for the 1st time. —
on to Santa Ana by 12:00 noon + GRUNTS!!
Arrived Sonoyta 4:30PM; + in San Luis by 7:00PM.
Arrived Yuma 7:30PM; + in Los Angeles by
1:45AM. "EL FIN"

Rana

1/2 mi E Atenquigue, 3350', Jalisco, Mexico; from rapid flowing stream; cool water with riffles; July 10, 1966

Belly dirty gray to yellowish; from clear to heavily suffused with brownish gray spots & reticulations; feet yellowish to dirty yellow orange; sides (lower) belly color with large spots of grayish brown to grayish green; upper surface grading into back color of dark metallic olive brown; with scattered spots of black; dorsal/ventral line golden brown to reddish brown; thighs banded with narrow black bars 1/2 time as narrow as interspaces. Iris of eye similar to dorsal coloration, reddish line from below nostril to angle of jaw; few orange spots (small) at angle of jaw to sacrum, on sides, also on tibia & feet;

Tomodactylus

3 mi E Atenquigue, 3700', Jalisco, Mexico; July 10, 1966, called from Acacia, 3 to 6' off ground.

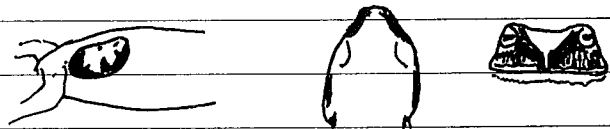
Dorsum mottled, metallic green over ground color of metallic copper; lumbar gland slightly lighter in color; light lemon yellow to cream; with dark green mottling; Thighs, Fore & aft; bright yellow orange; with dorsal surface bordered with dark green; wider than yellow orange interspaces; Iris copper to golden; light line below eye, solid or dashed; belly white to flesh; lower area unmarked; upper sides & chest with scattered black spots; lower legs ^{supr.} flesh colored;

Tomodactylus

(4)

8200', 15 mi W. Atemquique, Jalisco, Mex.; July 12, 1966;

Dorsum Pinkish brown in most, with darker suffusion of brownish black from sacrum to anus in one; all with black line from nostril, thru eye, to above eye insertion; iris metallic copper; tip of snout with pinkish brown to golden brown line to lip (distinctive mark) venter variable, flesh to pect white with suffusion of ^{small} dark brown spots to large blackish spots, chest, throat, & chin chocolate brown; chest somewhat spotted with white in some; lower limbs colored like belly, thighs with black bars antero-dorsally, interspaces bright pink-orange; in one (juvenile) orange!! Lumbar gland large; raised, mostly pinkish tan with few black reticulations



7700', 13 mi W. Atemquique, Jalisco, Mexico; July 12, 1966 (30)

12 with brick red dorsal color, 12 with pinkish brown color, 1 yellowish tan (olive); 1 Golden brown with reddish brown legs; 4 with pinkish grey dorsals; 9 with suffuse washing of blackish color from sacrum posteriorly; Lumbar gland pinkish above, white below, with black marbling in 19; 4 with yellow above, white below, black marbling; 7 with brick red above, white below; all with white spot on tip of snout below level of nostrils (except largest individual) belly pearl white with ^{dark} choc. brown reticulations in 26; 4 with similar pattern but much less brown; throat, chin upper chest choc brown with few whitish reticulations or spots; flesh arcs of limbs sandy orange to bright brick red; - Iris golden or metallic copper

Tomodactylus (cont.) Total of 12 clutches of eggs 7/13-14/66

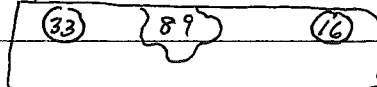
13 mi w. Atenguizue, 7700', Jalisco, Mexico, July 13, 1966

In the afternoon, Ron Meyer + I found 6 clutches of eggs: 12, 22, 25, 24, 45, + 60 eggs: all were under small logs, but one, which was under a flat rock. ~~Two~~ pairs of adults were found associated with ~~two~~ separate logs; ~~each~~ ^{two} logs contained at least two clutches of eggs (12, 22, + 45, 60); where the pairs were found. one pair was in amplexus + a clutch of small fresh eggs were found. The female still contained many ova: It is possible that certain logs are used as communal nests; as indicated by one log with 105 eggs; probably 3 to 4 clutches, ~~either~~ this cannot be proven. One pair of adults were found in amplexus; with an additional male with his head resting on the back of the female; perpendicular to the amplexus angle. Larvae were moulting in some of the eggs; apparently rotating themselves for oxygen. The eggs were found in gravelly soil; usually held together with a sticky substance; + were very dirty in appearance.

July 14, 1966 - found two more clutches of eggs 45 under log; + 33 under rock. One subadult male was found under the rock with the 33 eggs: Noticed male in reflex position with back highly arched, raised on hind legs; head down; + lumbar glands at apex of height; looking like two huge eyes. Warning device? Photos!!

Tamodactylus cont. July 15, 1966 - Found one

Madera with 3 nests:



all deposited along upper

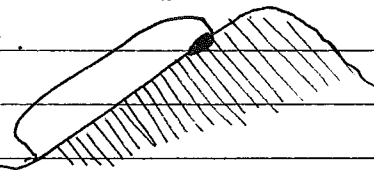
edge of "Madera"; ground had slant:



Also found another nest under end of "madera" on road cut; with 31 eggs.

there does not appear to

be much room for



mating under Madera; + suspect mating may take place out side of Madera; + then eggs pushed into cavity prepared for same.

Syrhaptes nivalis

9 mi W Atenguic, CGO, Jalisco, Mexico, July 16, 1966. Calling from forbs, shrubs, + old dead pine brush; all from 1-4' off the ground. One ♂ + ♀ were taken together on the same plant, about two leaves apart (4").

5 with brick red thighs + legs; ^{JUV.} one almost bright red; + 6 with yellowish orange to straw colored; dorsum

variable, from olive gray to brick red; with washing of darker flecks of black; one with ^{straw colored} mid dorsal line

from snout to anus. Smallest individual distinctive;

mottled greenish black markings over brick red ground

color. upper arm same color as thigh in all; black bars on legs 2-4 times narrower than interspaces;

interorbital bar golden brown to straw colored; usually bordered ant. + post. with dorsal ground color. Iris greenish

yellow to golden. Gully flesh with minute punctation of white, throat grayish, in one blackish, bubble whitish

white callings

Geophis

13 mi W. Atequigue, 7700', Jalisco, Mexico, July 13, 1966
dorsum blue-black with outer two rows of scales with
greenish yellow centers, these spots present over much
of dorsum except smaller; belly yellowish (greenish-yell.)
with small black spots on ventrals sparsely scattered
Anterior edge of caudals edged in black; chin yellowish
most of upper lip yellow; upper edge of labials edged
in black; dorsal surface of head black; no preocular,
Ansl-5; Postoc. 2; Supla. 6/6; 3+4 ent. eye; infraaba. 7/7;
Lorcal 1/1; 2nd pr chin shields sep. by scale; post. dorsals
appear faintly keeled; SR. - 17-17-17, sex. ♂;
TBID: ♀ coll. on 7/15/66 very dark; much of greenish
yellow spotting absent or very small. This date
coll. 2 ♀ + 6 ♂.

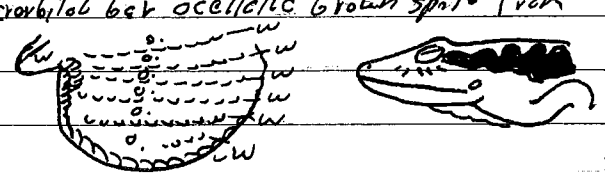
Gerrhonotus

13 mi W. Atequigue, 7700', Jalisco, Mexico, July 13, 1966
Dorsum coffee + cream colored; 11 undulating, 6 vollen
black bands between Axilla + groin; 12 on sides of
body about = widths; Limbs colored like dorsum; Tail
also; Top of head unmarked; uniform coffee; black
line from eye to above ear; belly dirty white, tail
with more tan;

Anolis

9 mi W. Atequigue, 6600', Jalisco, Mexico, July 16, 1966; on leaf
at night: Throat orange with 7 rows white scales; dorsum
tan brown; tail also; few lateral marks of darker brown;
reddish brown interorbital bar ocellated ^{light} brown spots from
eye to shoulder.

chin whitish, belly
yellowish tan



Anolis - 9 mi W. Atenguique, 6600', Jalisco, Mexico,

July 17, 1966. all on or under logs: (6 specimens)

2 ♀♀ husky, more robust; than others; one with broad tan stripe from vertex of head to tail + on tail, other more uniform tan-brown; no orbital bar; other 4 (1 ♂) with orbital bar; strong dragonic mark on lower leg; two with uniform dorsum orange brown to tan; two with ocellating marks on either side of narrow mid-dorsal line from occiput out on the tail; dewlap of uniform colored male orange, leading edge white; + 7 major lines of white scales thru the orange field.

♀
JRD 10482



Eleutherodactylus occidentalis 9mi W. Atenguique,
Jalisco, Mex., 6600,
July 17, 1966

DORSUM TAN BROWN, EXTENDS FROM TIP OF SNOUT

TO SIDES. MIDDORSAL CREAM YELLOW STRIPE

EXTENDS FROM INTERORBIT TO ASSHOLE.

~~OR~~ ^{OR} ~~OR~~ SPOTS MIDDORSALLY ON EITHER SIDE OF STRIPE.
DARK EYE MASK, BROWN BLACK TO BLACK

ABOVE TYMPANUM. SIDES DIRTY WHITE GREY

MOTTLE = 3 BLACK SPOTS / SIDE.

BELLY & THROAT

VENTER A CREAM, MOTTLED = BROWN-BLACK

HANDS - ORANGE BROWN BACKGROUND = BLACK

CROSS BANDS.

LEGS

~~FEET~~ FEMUR MIDDORSAL ORANGE BROWN

GROUND = DARK BROWN FAINT STRIPES.

ANT & POST FEMUR ORANGE = TOUCH

OF RED. SAME COLOR BARELY EXTENDS

TO INNER TIBIA. UPPER TIBIA &

FOOT YELLOW BROWN GROUND = BROWN

BLACK CROSS BANDS.

VENTRAL SURFACE MOSTLY PIGMENTLESS,

DIRTY WHITE, ~~WITH~~ SOME FAINT BROWN

RETICULATIONS

IRIS

⊙ YELLOW-GOLD
⊙ BLACK
⊙ DARK BROWN

Additional ^{Ad.} specimen with more black spotting on
dorsum, no mid-dorsal stripe, + light brown triangle
between eyes; apex at snout.

L. melanotus 10167, 10168

IRIS BLACK & LIGHT BROWN DOTS. DORSUM GRAY-
BROWN & BLACK MARKINGS. SMALL WHITE STRIPES
JUST UNDER EYE. LIPS SPOTTED & WHITE.
GLAND POST. TO ANGLE OF JAW GOLDEN.
SKIN TUBERCULATE (BLACK). ~~ARM~~ ARM TAN &
FAINT BLACK CROSS BARS. LEG TAN BROWN
& BLACK OBLONG SPOTS. POST THIGH SLIGHTLY
MORE GOLDEN THAN REST.

VENTER- CHIN & BELLY ^{DIRTY} CREAM WHITE
LEGS, ARMS & PIGMENT, DIRTY YELLOW.
ONLY GROSSLY VISIBLE VENTRAL GLANDS ARE
GOLDEN PATCHES ON POST THIGH NR. KNEE.

Eleutherodactylus

IRIS BRONZE RETICULATED & METALLIC BROWN.
TYMPANUM GOLDEN.
DORSUM GREEN BROWN NONDESCRIBT, UNIFORM.
THROAT & BELLY WHITE & BLACK MARKINGS
LOWER BELLY, LOWER LEGS GREENISH
YELLOW. SIDES & BELLY & SCATTERED
ORANGE DOTS. NO DISTINCT POST. THIGH
COLOR
THIRD SPECIMEN LIGHTER - GREENS ON TOP
OTHER COLOR SAME. NOT AS ZIARTI