

MEXICO - 1967

6 July 1967 Los Angeles Calif. - to 25 mi S. Sonora, Sonora
 left L.A. approx. 12 Noon; arrived Mexicali 6:00 PM;
 Tourist papers, insurance; arrived San Luis approx. 8 PM;
 crossing San Luis - Sonora road, saw 11. C. cerastes,
 9. Coleonyx, 2. C. scutulatus, 1 Chionactis, 3 kit Fox;
 Arr. Sonora 12 midnight; car papers; just so. Sonora
 found 1 dor Chilomeniscus; camped 10 mi S. of
 Custom Checkpoint Station.

7 July 67 Vic. Sonora to 77 mi N. Culiacan, Sinaloa.
 Driving most of day, 14 mi S. Los Mochis coll. 4.
Leptodactylus, 2 R. catesbeiana, 6. B. mazatlanensis,
 notonecteds + tadpoles. Ran recorded 2 Leptodactylus
 calls; coll. 1 AOR Pituophis 51 mi S. Los Mochis, 1 DOR
C. basiliscus 6 mi N. Culiacan early morning (8 July).


8 July 1967 77 mi N. Culiacan - 14 mi N. Guadalajara Jalisco.
 Driving most of day, 6lew two fan belts 10 mi N. Mazatlan,
 drove into Mazatlan + bought two new ones; coll. one
 AOR/DOR Leptophis 27 mi S. Apatoneta Nayarit; Arrived
 Tepic 6: PM; in a hail wind, + rain storm; Lasted to 7: PM,
 drove 22 mi SE Tepic + coll. Kinosternon, H. eximia,
H. smithi, Pternohyala, + Hypopachus (3950 ft.) in road-
 side rainpool. Drove to 6 mi WNW Magdalena, Jalisco,
 Coll: only Pternohyala + Hypopachus in roadside rain-
 pool. Drove to 14 mi N. Guadalajara, + camped
 in old road cut used for road fill.

9 July 1967 14 mi N. Guadalajara to Nevado de Colima Camp.
 Drove into Guad. + ate breakfast at Motel Campo Bella

9 July 67 (cont.) Gased up + drove to Lake Atámilco, dipped for tadpoles, found 1 ♀ R. megapoda + eggs; 1 S. dupesi, not necteds; Drove on to C. Guzmán for lunch; on to Atenguigue via gravel road shortcut; bought fruit, bread; + drove on to 9.2 mi W Atenguigue, 6600'; + set up camp on old "madera" trail off main logging road. Coll: in late afternoon - 2 S. insignis, 1 Rhademia, 1 Geophis, 4 E. brevirostris, + 6 A. nebulosus. Ate supper + cell. after dark; saw large Opissum near camp; Ron taped 3 calls of S. nivicolimae, Syrhapthus very shy; coll: 10 S. nivicolimae, 1 E. augusti, in bed by 11:PM.

10 July 67 9.2 mi W. Atenguigue - 5 mi W. Platanar Rio Beltran.
 Preserved last night's collection, skipped breakfast + collected in vicinity of Logging trail for 3 hrs; returned to camp at noon; coll: 10 E. brevirostris, 1 S. insignis; Ate lunch; broke camp + drove to Rio Beltran; 5 mi W. Platanar; 3450 ft., Jalisco; arriving 4 PM; bathed in stream; went collecting, found only tiger beetles; insects, Ate huevos for supper; hung bat net from bridge; + collected along Rio after dark; coll: 4 R. pustulosa + tadpoles; 2 E. rugulosus; returned to truck 10:30 PM; slept on cots outside of truck; began raining about 2:AM; covered ourselves with tarp; rain soaked through tarp + cot + sleeping bag very wet!; threw everything in truck + slept on seat until 6:AM. Area around barranca of Rio tropical deciduous; with mostly thorn scrub canopy along upper edge of barranca; Coll: 1 Bat (E. fuscus) in net; removed skull + preserved carcass JRD11442.

11 July 67 Rio Beltran — 2 mi E. Colima, Colima
 6:AM; fruit, v-8 juice + coffee for breakfast; preserved Rana + found we had two species; broke camp + drove to Tonila + on to Colima for mail stop; mailed letter to Mary; + received TWO plus package!! Big TEXAS CIGAR + undergarment — I was expecting "Red Panties"
 Shopped in market for eggs, plums, bananas, oatmeal, jelly, watermelon, onions, + some rope. Ate lunch at cafe one mi E. Colima at junction of Colima-Manzanillo Rd. Drove 3.5 mi SW Colima + coll. hillside; I found nothing, Ron coll. Tantilla. cont. sw for 4 mi; + found Dry Presa on LEFT of road, with stone dam; Ron heard strange Leptodactylus call coming from dry bed of Presa. We investigated + finally collected two L. Labialis (new state record) from cracks in the dry dirt of the presa, very difficult to collect; also coll. 10 C. lineatissimus, 2 C. costatus, 6 S. pyrocephalus, + 1 P. asio. Photographed all herps + preserved them. Returned to Cafe outside of Colima for supper at 7:PM.

The L. Labialis collected earlier were calling from cracks in the ground protected by a dense herb that was growing in scattered clumps over the bottom of the dry presa. One was found in a hole (made by the frog), 30mm x 20mm, with slick slimy sides + bottom, and approx 30mm below the lowest level of the crack in the ground  the outside temp was very hot + 30mm The ground very dry. Another was found beneath a pile of rotting palm fronds + trunks, along side of the highway earlier in the Afternoon but escaped. The main vegetation of the area

11 July 67 (cont.) 15 Acacia thorn scrub with columnar cacti + Crocentaria trees scattered throughout — Almost forgot our goat for the day — Ron pulled herp sack from truck to collect with; + dropped it on rocks — it had a dozen of our breakfast eggs in it! We threw sack + eggs away!

After supper drove out Manzanillo Hwy at dark; for about 12 mi; collected 1 S. baudini + 1 P. davisii at bridge near Presa; returned to Colima + drove up the Tonila road for 12 mi, + coll. 2 Leptodeira, 1 Phrynobyas, 1 B. marmoreus, 1 B. mazatlanensis; returned to Colima + drove out Tiquilpan Hwy to Rio Salado, coll. crabs, L. melanonotus, + 1 opossum young. returned towards Colima + spent night in truck about 2 mi E Colima, under large tree, began raining about midnight + continued until about 6:AM.

12 July 1967 2 mi E Colima — 3 mi E Colima

Up at 7:AM; Ron now "trotting"; got stuck in mud under tree, while Ron "trots" I dig — Ron returns + I go for broke + made it out of mud. Drove to junction cafe for breakfast; + then 7.5 mi SW Colima to check "Presa" following last night's rain. Presa now with 7-10" of water; B. mazatlanensis (= marmoreus) breeding in water, also heard L. Labialis + Hypopachus calls. I photographed Bufo in amplexus; + of flowers; while Ron taped calls of L. Labialis + B. marmoreus; we tramped around hillside above Presa until 3:PM; picked up a few Bufo for records from Presa + returned to junction cafe for lunch. Drove through Colima to Comala road + out Comala road to find road to

12 July 67 (cont.) EL Jabali; map shows pavement; but road not paved beyond Comala. Drove 5 mi beyond Comala & finally road became so bad had to turn around. Returned to rock fence 1 mi NE Colima & coll. 3 species of Cnemid., & 2 species Sceloporus. Preserved herps until 7:PM; & ate some watermelon. Drove to junction Cafe for supper and then returned to "Presá" by 8:30PM. Found Leptodactylus, Hypopachus, Bufo, Agalychnis, Smilisca & Diaglena calling & in amplexus. Ran taped calls of Frogs; 1 coll. along presa edge & on dam. Diaglena, Agalychnis & Smilisca on Dam & in water, shrubs, & ground; Hypopachus & Bufo on shore & water, Leptodactylus calling from burrows. Coll. Anolis on dam & Phyllodactylus on bridge nr. Presa. Drove to Coacoman near coast, & returned to junction Cafe area; coll: AOR - R. pipiens, Smilisca, B. marmoratus, Pternahyla, B. marinus; Diaglena; made it back to junction by 11:00PM; spent 2hr 10min. recording a call of & coll. one L. melanonotus. Trucks roaring by; music from local cantina made recording difficult. Drove to hill overlooking Rio Salado, 3 mi E Colima; to spend night; slept in truck.

13 July 1967 vicinity of COLIMA

Up at 7:AM; drove to junction Cafe for breakfast; then to small stream 2.4 mi E Colima that flows into Rio Salado; began preserving herps from previous night & finished by 1:PM. Scouted around a bit & saw S. uiformis but could not coll. him; drove to junction Cafe for lunch 3:PM; & returned to stream & seined fish & crabs.

13 July 67 (cont.) Herp collected from 4-5:30PM; found C. Lineatissimus, C. pectinata, S. melanorhinus, S. pyrocephalus; S. horridus, + R. pipiens. At 6:PM, cleared area along creek + put up bat net, all set up by 6:50PM; need bath but plan to wait until morning; will camp by stream tonight. Drove into junction Cafe for supper + then to "Presa" by 8:30PM; only L. labialis, Agalychnis, Hypopachus + Smilisca calling; found Diaplena on road above presa facing away from presa. Found dor Loxocemus + Pseudoficimia near Presa. Drove back to stream 2.4 mi E Colima to check bat net; shrimp fishermen had moved in + set up camp on only area available for camping. Decided to road coll. eastward; + drove 12 mi beyond Rio Salado + saw nothing; returned to "3 mi E Colima Camp" above Rio Salado + spent night in truck.

14 July 1967. vic. Colima, Colima - Cuatro Caminos area, Michoacán.
 up at 7:AM; drove to small stream + took down bat net, had 5 Desmodus rotundus; drove to junction Cafe for breakfast + then to "Presa" for tadpole samples; removed one skull from Desmodus + preserved rest (JRD 11589-93); bought fruit + checked mail in Colima + left 11:AM for Michoacán. On road between C. Guzman + Jiquilpan began raining, + then turned to SNOW!! It must have also snowed night before for there were traces of snow banks along roadside. It was welcome change from Hot-Humid Lowlands. Drove to Zamora for lunch, then to Carapan + turned south to Uruapan + on to Nueva Italia by 6:PM; ate supper there + then road coll. between 10 mi S.

14 July 67 (Cont.) Cuatro Caminos + Gabriel Zamora. Found B. marinus, B. coccifer, Smiliscia, H. smithi, L. melanotus, T. nitidus, P. lanei + P. paucituberculatus, Trimorphodon, Boa; + 1 Balenoglossus under bridge; finally stopped 8:30 AM 9 mi S. Cuatro Caminos along small stream + slept in truck, about 3:30 AM; I awoke with some creature on my leg; felt for flashlight + touched the animal accidentally, a hairy mammal!; it shuddered off my air mattress + while I fumbled with my light it escaped. It could have only been a bat (Vampire?) - I slept in side my sleeping bag rest of night.


15 July 1967 Vic. Rio Tapalcatepec, Michoacán
 Up at 7: AM; oatmeal + juice for breakfast; coll. in vicinity of camp + found Erythronotus, Urosaurus, S. pyrocephalus, + Cnemidophorus. Drove south of Rio Tapalcatepec bridge (2.6 mi from above locality + 11.7 mi S. Cuatro Caminos) + coll. in forest along river bank; found 1 P. duellmani under bark of dead tree; E. clarki, 3 sp. Cnem. 3 sp. Sceloporus, Urosaurus, Iguana, Ctenosaura; skipped lunch + preserved herps from 11:30 AM - 4:15 PM - boy, are we tired!! Drove to Nueva Italia 6:00 PM for supper, then 10 mi. out on Apatzingán road + wait until dark, road collected in rain to camp on Rio Tapalcatepec + saw only R. pipiens + B. marinus. At camp heard L. Labialis calling from small rainpool near camp; Ran taped call + I coll. the specimen. Coll. near camp + found 2 P. onctus on old road cut of conglomerate + clay soil. + found one E. clarki in hollow stump, extracted with crowbar. In camp by 12:30 AM; awoke 3:30 AM by call (loud chorus)

15 July 67 (cont.) F. Agalychnis; I woke Ron + he got up + checked critters; saw them courting + laying eggs.

16 July 1967 Rio Tepalcatepec Michoacan - vic. Colima, Colima.
 up at 7:AM; oatmeal + juice for breakfast; photographed Agalychnis eggs + burrow + foam nest of L. Labialis + coll. L. melanonotus + L. Labialis at pool. Broke camp + drove 15 mi N. Uruapan, 7800'; + collected 3. Tomo. angustidigitatum, 2. Conopsis, 1 S. aeneus + 1. Eumeces breuirostris. Drove on to Zamora for lunch; + on to C. Guzman, Jalisco for supper; at dark, drove Colima - Jiquilpan Hwy to 4.2 mi E Colima, rained most of way, heard choruses of Pternohyla, Smilisca + Agalychnis. coll. specimens + cells of L. melanonotus 9 mi N. Pihvamo, 3000', + heard G. usta + H. smithi; coll. roadside rainpool 9 mi S. Pihvamo; 2000', coll. G. usta, 4; Pternohyla, 5; Smilisca, 1; + heard Hypopachus, Agalychnis + H. smithi. Drove to 4.2 mi E Colima + spent night in truck.

17 July 1967 Colima-Tonila-Presa area
 Up 7:AM; to junction cafe for breakfast; back to tributary of Rio Salado + bathed + washed clothes; then drove to Presa, photographed Michoacan + Jalisco heaps - Phyllodactylus, Tomo., Gastrophryne, Bufo, L. melano., + L. Labialis, Conopsis, Eumeces, Sceloporus. preserved last night's collection, + finished at 12:45 PM; Drove to junction cafe + ate lunch; checked mail in Colima (none for me!) + drove to 2.1 mi NNE Tonila (in Jalisco) + found single stand of pines surrounded by corn fields, 4350'; found 6 Anolis + 9 eggs; + 1 E. occidentalis. One egg was sacrificed + remaining

17 July 67 (Cont.) 8 eggs placed in plastic sack. The embryo of egg sacrificed preserved in Alcohol. [Eggs hatched 4 Aug. 67, & were Urosaurus bicarinatus, JRD 12194-201] LEFT Pine grove 7:00PM, after waiting out 2 hour rain storm; 1/2 mi SSW Pine grove (2 mi NNE Tonila); Ron recorded call of L. melanonotus & coll. specimen, 4300'; from Tonila to Colima 4300'-1700' (18 mi) heard many choruses of Pteronotus & Smilisca & coll. specimens all the way. Bufo & H. smithi were found on road but none calling; Ron heard Gastrophryne at 4300', while recording calls of L. melano.; Drove to junction Cafe for supper (10:PM) & then to "Presa" where I coll. one L. Labialis & Ron & I found Labialis foam nest under a rock; we left nest undisturbed & were in bed by 10:30PM.



18 July 1967 Colima - vic. Tecoman,
Up by 6:30AM, into junction Cafe for breakfast; into Colima for mail - Letter from MARY - Joy oh Joy!! returned to Presa & photographed Labialis nest; then preserved entire foam nest with hatching tadpoles; Drove to Rio America (6.3 mi WNW Tecoman) & collected in flood plain of river. collected 25 C. communis,¹⁰ C. lineatissimus, & 2 S. horridus, also 1 hornet nest & all of its inhabitants - what a Feast!!; & tiger beetles on banks of river. Had spaghetti for lunch & soup for supper & waited until dark; drove within 10 mi of Manzanillo & returned to 5 mi N. Tecoman to spend night in Palm grove. found AOR Bufo, Smilisca, & 1 Trimerphodon. Spent miserable hot-humid-mosquito infested night in truck!!

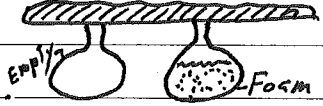
19 July 1967. vic. TECOMAN-TONILA-ATENQUIGUE

Up at 6:AM; returned to Tecoman + drove 5.2 mi SE; 2.2 mi SW Tecoman to old quarry near coast; + coll. many tadpoles + notonectids. returned to railroad bridge on Rio America + had oatmeal for breakfast. collected flood plain of river + preserved 2 C. lineatissimus, 15 C. communis, + 1 S. pyrocephalus; ate soup for lunch; + drove to Atenquigue via Colima-Tonila road; drove to baños + coll. 1 Harlequin Beetle; to top of barranca wall + ate roast beef + potato supper; returned to baños area after dark + collected 50 R. pustulosa; returned towards Tonila; stopping at Rio Lemon (small stream emptying into Rio Beltran) + coll. 1 E. rugulosus; drove on to Pine grove, 2.1 mi NNE Tonila; where Ron + I recorded call of T. nitidus + coll. The specimen. Camped in the Pines for night — Cool, MAN!!

20 July 1967 TONILA-NEVADO-TECOMAN-PRESA

Up at 6:AM; had "Dixon gravy" breakfast, put up heaps from previous nights collecting; + returned to Atenquigue + Nevado de Colima area, attempting to collect along the way; found very few lizards, Ctenosaura, Cnem. S. horridus; stopped near Platanar + ate spaghetti for lunch; drove up Logging road on Nevado de Colima for 5 mi from junction of Tonila-Atenquigue road; 5900'; + coll. 1 Eumeces, + saw another; collected stingless bee nest + bees; + ants; began to rain 4:PM; drove back towards Colima in torrential rain storm; required 2 hrs + 20 min. to drive 40 mi on gravel mt. road; Ate supper at junction cafe 7:PM; + drove to "presa" +

20 July 67 (Cont.) collected 2 L. Labialis; drove to Tecoman road collecting, found 1 R. pipiens, returned to Presa; had FLAT on way, changed in rain; coll. Smilsea on return trip + 1 L. melano + L. Labialis nest at presa, camped at presa + in bed by 11:30 PM.

21 July 1967 PRESA-COLIMA-TONILA-C. GUZMAN-TAPALPA area.
 Up at 6 AM; another night of hot, humid weather + mosquitos. Collected tadpoles in presa, a good representative of all kinds + notonectids; found another foam nest with eggs rather than tadpoles; two holes under rock, one empty, one with eggs, perhaps  same of breeds more than once.
 Returned to Colima for mail - one letter from MARY!! + missed one - Left Colima 10: AM; drove to C. Guzman via Tonila; had lunch in Guzman; + drove to Tapalpa area; arriving Tapalpa 4: PM. approx. 21 mi from junct. C. Guzman - Acatlan Hwy. Tapalpa, 7000'; bought fruit, + drove to old quarry area, 6.2 mi E Tapalpa; + coll. E. dupesi, Compsis, Stovena; + S. forquatus. + L. triangulum; saw P. dappei on road; drove back towards Tapalpa; found DOR C. polystictus, Adelophis copei; turned off towards N. on dirt road; drove 6.4 mi to Juanacatlan; 8400', in open alpine meadow with lakes, + coll. notonectids, returned to Tapalpa highway + drove E to small alpine marsh + coll. 11 H. eximia, returned to 2 mi N. Tapalpa Hwy on Juanacatlan rd., + ate + spent night in COOL PINES - zzzz 10 PM.
 Old quarry area surrounded by Pines + open corn fields, Elev. 7650'.

22 July 1967 TAPALPA - ACATLAN area

Up 6:AM; very cool night, cold in fact; had juice for breakfast; returned to old quarry area + collected more E. dugesi, Conopsis, + Sceloporus. Returned to Tapalpa for bread, onions, + fruit + turned east again + stopped at small spring + seep 8.5 mi E Tapalpa 7525'; + coll. Notonectids + 2 Ambystoma Larvae; continued down Mountain 14.5 mi E Tapalpa; 6025'; + coll. 2 Leptotyphlops dugesi + 1 Anolis; and 17.6 mi E Tapalpa; 5200', coll. one S. horridus; turned north towards Acatlan; arrived 2 mi W. Acatlan, 4750', on edge of Lake Atotonilco at 2:30PM; ate beans, onions + cornbeef hash for lunch; collected for about 30 min, + obtained 3 C. costatus, 1 S. dugesi + 1 S. horridus. Put up all herps plus two Reithrodontomys taken at old Tapalpa quarry; + finished by 5:30PM; ate supper of left-over lunch grunts, + spam. Waited until 8:00PM; darkness; + collected rainpools + around N. edge of lake; found one L. melanotus foam nest, in shallow rainpool, in clump of grass; Ron observed ♂ + ♀ L. melanotus in courtship + nest building, but they were disturbed by light + would not continue activities; I collected until 12:30AM; obtaining 31 L. melanotus, 5 Levinseni, 4 R. megapoda, 1 R. pipiens; 2 Pternahyla, 3 Hypopachus, 8 T. macrostemma 7♂ 1♀; 6 T. melanogaster, all ♀; of two color phases. Very wet + tired this pm!! PS - The area where the Leptotyphlops were taken consisted of steep rocky hillside of Arid tropical scrub with a few oaks scattered throughout.

23 July 1967. Acatlan, Jalisco - Colima, Colima

Up at 6:30 AM; preserved last evening's amphibians; drove to Cocula for breakfast; + on to Acatlan; finding one DOR M. striolatus 9.2 mi NE Acatlan, 3200'; drove to summit of Puerto Los Mazos 4600', 9.2 mi SW Acatlan; collected for 1 hr, but found nothing; drove down west slope towards La Huerta; to 3600', pulled off along side of road + preserved turtles + snakes coll. evening before; drove into La Huerta for supper in "scrummy" restaurant, earth floors, no windows or doors attached; and waited out another torrential rain storm; at dusk, drove slowly down west slope of hills, listening for Leptodactylus, heard none; but found DOR Loxocemus, Salvadora, Trimorphodon, Natrix, Boa, heard breeding choruses of Smilisca all the way to coast; found breeding chorus of Diaplena with Smilisca 4.4 mi SW EL Rincon, 1625', and Kinosternon too; all in small rain pool in clearing beside road; one G. usta was also taken at the above site; C. elegans + E. occidentalis were found AOR 3.3 mi NE EL Rincon, 1300'; turned ESE at Barra de Navidad, + just after crossing Rio Cihuatlan into Colima; 22 mi WNW Manzanillo, 200'; found another chorus of Diaplena, L. melano. + H. smithi, + coll. same; found one ^{DOR} Boa just as we pulled into camp. ^{4.4 mi} E of Colima at 1: AM. As we traveled from Manzanillo to Colima Ron sang "on the banks of the Ohio" - + the Diaplena would chorus each time he hit a high pitch; the louder he sang, the louder they chorused; "like a dog baying at a train whistle!!"

24 July 1967 VIC COLIMA - UNION DE TULA, Jalisco

Up 7:AM; into junction Cafe for grunts; made final mail call at Correos; drove out to Presa + sampled Tadpole fauna + coll. adult Leptodactylus melano. + Labialis, found transforming tads of Labialis along banks; drove to Manzanillo for 3:30PM lunch; + on to La Huerta for supper 6:00PM. Found one DOR Leptophis + AOR Oxybelis along way; LEFT La Huerta 8PM at dusk, + began listening for Leptodactylus. Found one + Ron recorded + I collected the beast in a rolled up pile of acacia thorns + limbs in rainwater ditch. - OUCH, OUCH!!!
Drove to summit of Puerto Los Mazos 4600', + found fresh DOR juv. Elaphe; Drove through Acatlan valley, dry, + on to Large Presa 6 mi SW Union de Tula, a place I camped at for 2 days in 1960. here we collected R. megalopoda + H. eximia + in bed by 1:AM.

25 July 1967. UNION DE TULA - GUADALAJARA

Up: 5:30AM; drove to Cocula while Ron sacked out; breakfast in dirty earth restaurant; on to 2 mi W. Acatlan; 4750' (July 22 campsite) + obtained tadpoles of Rana, Leptodactylus, Hypopachus, + Hyla; + Ad C. costatus 4.. Drove into Guadalajara to Campo Bello for Room, to market for gifts to Mary, Maya, house + Christmas; back to room 6PM; for lunch; met Jim Anderson in Bello restaurant; had lunch with him + talked to 10PM; to rooms, shower, shave, clean sheets + bed for first time during trip. Very little in way of herps this date. Made plans to go to Presa with Anderson in morning to seine Ambystoma larvae + adults.

26 July 1967. GUADALAJARA vic. to SANTA CRUZ, NAYARIT

Up 7:AM; Breakfast at Bello, rode with Anderson 22 mi S Guadalajara to presa just off Hwy 15; being drained to facilitate seining, Jim & student seine, find nothing, but are very muddy. Left presa 10 AM; back to Room; mailed card to Mary; checked out & drove NW to Tequila, Jal., for lunch; Jim Anderson to collect with us for 2 days. Drove on to Tepic, Nayarit; found Leptodactylus calling in pond just S. of town; went to Bus station for supper on SE edge of Tepic; returned to Pond 7 PM; & recorded calls of Leptodactylus, & obtained specimens of Leptodactylus, H. smithi, & Tadpoles. Drove to junct. Tepic - Santa Cruz Rd; & turned W. towards coast; collected every 3-4 mi down road (30 mi) to Santa Cruz, found H. smithi & Syrhophus all the way 3600' to 0'. Jim found Microbatrachulus with white crossband on dorsum on roadside on herbaceous leaves; (4 mi E Jalisco 2600'); arrived Santa Cruz (= Playa Miramar) 11:PM; collected in vicinity of beach veg., found H. smithi & Syrhophus on leaves of shrubs; Ron recorded calls of L. melanotus between two houses in small spring, with loud radio playing in each house! In sack by midnite; - HOT-HUMID-MOSQUITOS:

27 July 1967 SANTA CRUZ-TEPIC-SAN BLAS vic.

Up at 7AM; grunts in open shed of beans, tortillas & pepsi. call in area for 1 hr; I found 1 hermit crab that managed to chela me on the bottom side of ring finger, Ron's knife, as big as it is, could not pry him off; 5-10 min later I placed my hand in pool of rainwater in

27 July 67 (Cont.) middle of road, & he released his hold. I then promptly preserved him in Formalin! My finger has swollen & formed large blister in vicinity of "pinch" & is very sore. Anderson coll. Anolis on beach vegetation. Drove to 4 mi E Jalcootan 2600', & collected. I found Leptophis in small oak tree; also 4 Syrnophus & eggs; Ron found E. occidentalis. Drove to Tepic for lunch; later Ron & I returned to pond on SE edge of town & Anderson drove on to San Blas Turnoff (21 mi) to meet us there later. The pond was full of leeches & several attached themselves to my legs (adults) with young leeches all over my shoes & socks. I removed them *muy pronto!* but not before one became firmly attached to my right leg, inside skin area. Finally removed him but left bloody itching hole in leg. Ron coll. tadpoles while I fiddled with leeches; & we then drove to San Blas Turnoff & met Anderson. Drove on to Old Fort (a place I visited in 1960) & collected walls of Fort & old church, found 1 Phyllodactylus & 1 Ctenosaura. Local constable was there working local jail birds. He filled us in on local color of San Blas; knife fights, drunks, etc.; showed us his knife wounds & battle scars. He says Phyllodactylus do not bite as many locals believe, but urinates on you while you sleep, producing large blisters that are hard to heal. He showed us some on his neck, & they were undoubtedly caused by "Histerids", that are very common locally. Later in town locals told us that the feet of Gehyra were ext. poisonous.

27 July 67 (Cont.) We drove through San Blas to Beach + collected tiger beetles while Jim + student waded in surf. I placed a ghost crab in Jim's shoe; + this created a little excitement when he put his foot on!! We returned to San Blas about 7 PM; ate supper in local restaurant with pet Caecilian + many Gehyra all over the walls + ceiling. We collected 15 with rubber bands. Jim's student claimed I couldn't be that good in collecting geckos + challenged me to shoot one off the ceiling over our table where we were eating. He even said that I should shoot it so that it lands in his water glass. Not wanting to let such a challenge go by; but with little hope of doing more than knocking it off the ceiling, I pulled out a rubberband + let fly... much to all surprise... it fell in his water glass!! That's one feat I shall not try to duplicate.

We left restaurant about 8:30 PM, + returned towards Hwy 15; Ron recorded call of Leptodactylus about 5 mi E San Blas; + I obtained transforming H. smithi; between the above point + one mi W Hwy 15; we found DOR. Boa, C. basiliscus, + Jim found T. mantodes. We camped 1 mi below Hwy 15, on road that led to Honey Bee hives. Mucha HOT + millions of mosquitos. In bed by 10:30 PM; but did not sleep much. The smell, heat + mosquitos were just too much. The smell (so we found out next morning) came from a dead horse we parked next to in the darkness. The vultures were there waiting for us to leave; by daylight.

28 July 1967

San Blas vic - CULIACAN vic.

up 7:AM; ate on "open air" restaurant at junction Hwy's 46 & 15, Anderson returned to Guadalajara; Ron & I north to Calif.; Dipped for tadpoles in roadside rain pools along Hwy 15; found many tads & Kinosternon; Arrived Mazatlan 12:30 PM; drove to P.O., AFTER much confusion (no street signs) I received card from J, corks & 2 letters from Mary!!! Mailed letter to Mary about crossing border on Aug. 1. Went to Seaside Trailer Park (A camp I have used in 1963, 1964, 1966); showered, shaved, ate lunch; then left for Concordia; too hot & dry; found only tadpoles & Kinosternon; LEFT 6:PM & headed north - arrived 11 mi N. Culiacan 10:30PM; found L. punctata, Boa, Bufo & Smilisca along road from Mazatlan-Culiacan. This night MUCHO CALOR, HUMIDO!! MILLION de Sanguros!!!

29 July 1967

CULIACAN vic - GUAYMAS (via Alamos)

up 5:15AM; driving north, Ron asleep; into Guaymuchil for 6:30AM breakfast; drove on to Los Mochis; could not find tadpoles; (Left breeding site of July 7) drove on to 2+4 mi N Los Mochis 8:30-9:30AM; obtained 11 C. costatus, 15 D. dorsalis, 1 S. clarki & 1 S. magister. Drove on to Navajoa, then to Alamos, arriving there 11:30AM. Drove on to Rio Chuchiyagui after lunch on plaza; river in flood, rained last night, returned towards Alamos & coll. tiger beetles & 1 Holbrookia, 6 mi E Alamos, Drove to plaza west end of village & preserved herps; MUCHO NIÑOS CURIOSOS!! drove to edge of town, rested under tree until dark. AT 7:PM began driving towards Navajoa; found B. silverius,

29 July 67 (cont.) B. mazatlanensis (NPU), Ptyopphis, Thamnophis, Procinura;
 arrived Navajoa 8:10PM, gassed up + headed from Guaymas.
 Found P. Growni just north Navajoa; just beyond C. Obregon,
 (village of Esperanza) Sat. night traffic very heavy, also
 detour from main Hwy; lost detour signal + got lost;
 wandered around dirt roads for 45 min. + finally found
 Hwy, found 2 Rhinocheilus + 1 P. decurtatus between
 Esperanza + Guaymas. Arrived Guaymas 11:30PM;
 very HOT + HUMID, decide for motel, MARLIN closed, so
 find room across hwy at Los Flamings, 75⁰⁰ pesos,
 Air conditioned!! First good night's sleep since the
 26th of July - ZZZ-ZZZ-ZZZZ-----

30 July 1967 GUAYMAS - VIC OF CABORCA

Guaymas breakfast 10:30AM; Tecate Res., put up heaps in
 air conditioned room, WOW!! LEFT 12:00noon for Hermosillo,
 Heard no Lept. dactylus at all last night; hope to find some
 at Hermosillo Dam. Ran into Univ. Idaho Field Party about
 20 mi S. Hermosillo; been in Mexico 6 weeks; car broke
 down + all others waiting for it to arrive, Ron + I were
 coll. Notonectids + tadpoles in rainpool when they saw
 us + stopped. We identified their heaps for them; (only
 invert. + bot. professor on trip). We drove on to Hermosillo
 dam site + began raining just as we heard Leptodactylus
 call; 6PM rain stopped + Ron recorded call but we
 missed the specimen. Noticed rain to north + decided to
 continue on towards Santa Ana. Drove 25 mi N Hermosillo
 + ate in truck stop dump; drove another 5 mi + heard
 chorus of S. couchi, stopped + found that this locality
 was my 1960 coll. locality of P. homolepidurus (farthest)
 to north

30 July 67 (Cont.) We collected 10 S. couchi, 1 Pternohyla, 1 B. alvarius, + 1 B. punctatus from rainpool, + examined rock outcrops + found 3 P. homolepidurus. While examining rocks Ron apparently stood on ant bed; + got Red "ants in his pants"; + had to take them off + examine carefully; rest of evening he thought he could feel ants crawling around!! Heard another chorus of frogs 1/2 mi north of "ANTS" locality + obtained 6 B. kellogi, 8 B. retiformis, + 4 Pternohyla, S. couchi also at this locality; drove on to Santa Ana for pepsi stop; several people had slid off road + were stuck in mud between last locality + Santa Ana - mucho Rain!! Between Santa Ana + 25 mi NW Cabarca we found 1 Rhinocentulus, 2 Arizona, 1 B. cognatus, 2 Pternohyla, 4 B. retiformis, 1 B. alvarius, 2 Hypsigena, + 1 Thamnophis. closed shop 25 mi NW Cabarca, 1:30 AM ----

31 July 1967 via CABARCA - LOS ANGELES.

Up at 4:45 AM; drove to Sonora for breakfast, Ron slept all the way; (72 mi) arrived there 6 AM; drove 10 mi W Sonora + preserved herps; + arrived San Luis 12:00 PM; shopped + crossed border 12:45 PM; Bailing HOT!! U.S. customs agents gave us all kinds of trouble; filled out broker forms; wanted common name + number of every herp; finally argued him out of it; they looked into everything, said I couldn't bring o'possum in; I argued; they sent us to Fish + WS people in Yuma, saw them at 2: PM; Claude Lord was there, + in charge; we had good laugh over o'possum!! Let us go + we drove on towards Los Angeles ... arrived in Los Angeles 8:30 PM - Ron's House EL FIN!!