

June 3, 1954 College Station to Brownsville

Lv. C.S. 11am; arr. Bishop 6:30pm; Left 9:00pm with Ralph Artell; 4mi N. Armstrong DOR Arizona; Sarita - DOR Arizona; 1mi N. Sarita - DOR Arizona + 2 S. bombifrons; 1mi S. Sarita - 2 S. bombifrons. Arrived Brownsville 2:30am!

June 4, 1954 Brownsville - Ciudad Victoria, Tamaulipas.

Waited in Brownsville for Texas A&M field party to arrive; 2pm; they didn't show up; crossed border; cited 5 Gopherus + picked up 1 C. atrox 7mi E. C. Victoria. Arr. C. Victoria 10:30PM; + camped on hill just SE. of town.

June 5, 1954 C. Victoria to Puerto de la Zorra, Hidalgo

Lv. C. Victoria 8am; arr. P. de la Zorra 4:30pm; elev. 6000'; this area is 6.4mi N. of Jacala. Between 4:30 + 6pm; collected 7 S. jarrovi immucronatus on limestone rocks; Between 8-11pm collected 5 S. latodactylus; 1 E. augusti; + 2 S. macrotypanum. all coll. in crevices of or on Limestone rocks.

June 6, 1954 TBID

Collected in area all day + this night. Found 10 S. jarrovi immucronatus; 2 S. variabilis; 2 S. grammicus; 1 E. decortatus (hidalgoensis); 2 S. macrotypanum; 2 B. valliceps + 6 R. pipiens.

June 7, 1954. Puerto de la Zorra to 19mi E. Huichapan, Hidalgo.

Left 9am; drove to 19.3mi SE of Jacala, turned LEFT on Mountain road to Incarnacion; 1mi N. Incarnacion stopped for collecting; 8400'. Found one S. hidalgoensis on road opposite camp, in process of being stoned to death by native. Just above camp, 8700', we

June 7, 1954
cont.

collected 3 Baivisia imbricata; 3 E. lynce; 3 S. grammicus; 1 S. aneus bicantalis, all on or under Logs. At 3pm; returned to main highway & drove to 19mi E Huichapan, 6700', Hidalgo, near small Lake, & camped for night. Found 1 R. montezumae, 1 R. pipiens; 5 H. arenicolor; 1 S. hammondi; + 1 B. punctatus, between 9-10:30pm.

June 8, 1954

Camp to 5.5mi E Quiroga, Michoacán, 8200'.
Left 8:30am; 7mi E Queretaro, 6900', coll. 1 S. spinosus; 1 Sceloporus sp. + 1 C. septemvittatus; 6mi E Queretaro 7000', coll. 1 S. spinosus; + 5mi E Queretaro, 7100'; coll. 1 S. spinosus. 10mi E Celaya, Guanajuato; + 8mi S. Salvatierra, Guanajuato; saw DOR. P. doppel; drove on to Quiroga, Michoacán, bought supplies, & drove west looking for camp site, too dry; + drove 5.5mi E Quiroga, 8200'; + found camp site. Light sprinkle about 6pm. Between 9:30-11pm; found 14 Tomodactylus angustidigitorum; taken in small bushes; in open field with no cover; + in bunch grass. Found one pr. in open area; ♀ slightly behind ♂ + to right; ♀ gravid. In life, reddish brown; or rust colored; inguinal gland high on side + lighter shade of rust; with dark brown + yellow brown markings along ventral + post. part of gland; iris golden above + dark brown below. Gland outlined on ventral side by dark brown line. A dark brown line extends from nostril thru eye, over Tympanum to axilla of arm.

June 9, 1954

"Camp", 5.5 mi E Quiroga, Michoacan, 8200'

Cataloged + preserved specimens 9-1:30pm, ate + cont. to 4:30pm. Wrote Mary; Ralph coll. lizards between 10am-12:45pm, on rock fence on hill side; 4 S. dugesi. From 8-9:30pm; coll. 28 T. angustidigitum. Found ♂ + ♀♀ calling; but ♀ with higher pitch than ♂; when ♂ + ♀ approach each other, the peep becomes a short trill, about 5 notes; + repeated 3 to 5 times. Tomys apparently frequent open fields for amplexus; there was little or no grass + most specimens were taken in the open field on small rocks or on banks of eroded areas. Had a light sprinkle in afternoon.

June 10, 1954

ZBID

Coll. around camp from 10-11:15am; 1 S. aneus; 3 S. torquatus; 3 S. dugesi. A light shower at 4:45pm; heavy rain from 6-10pm. Tomys began calling about 5pm no other amphibians heard or seen. Area in rapid erosion, all timber being cut, soil badly used; all pastures overgrazed. Went out in rain to collect; found 10 T. angustidigitum; Ralph found 12; 2 for skeletons, taken from variety of places; bushes; bunch grass + in open fields.

June 11, 1954

Quiroga camp to 3.4 mi S. Tenango, Mexico.

Broke camp about 9am; drove thru Morelia, to 14mi W. Mil Cumbres, 9300'; found 1 A. ordinarium; 1 P. galli; 1 R. taeniata; 6 S. grammicus, between hrs of 11:30am to 1pm (at km. marker 267). Bought gas in Toluca; + turned south on Texco road. Around 7:30pm, 6.4mi N. Tenango, 9100', found 3 B. compactilis; 3.4mi S. Tenango, 9400'; in rain pool; found 7 R. pipiens; 35 S. hammondi;

June 11, 1954

cont.

32 H. eximia; between 9:30-11:15 pm. Drove to 4 mi N. Tenancingo, 8200'; coll. 3 T. angustidigitatum, 1 Tomys (hybrid?) + 19 T. fuscus. Spent night near mountainside, cold + raining; if fact, rained all day.

June 12, 1954

Camp to Alpuenca, Morelos.

Drove to about 2 mi S. state line of Guerrero; on Hwy 69; 5600'; coll. 1 Bufo sp.; 2 B. marmoratus; 2 C. costatus (or sacki); drove on to Alpuenca, Morelos + spent rest of evening + night preserving specimens.

June 13, 1954

IBID

Took truck to station for checkup + grease; took all day; spent night at Ignacio Rempel's Casa; (Ted Young's old place).

June 14, 1954

Camp to 3.3 mi SE Acatlan, Puebla, 4900'.

Drove to Cuautla, Morelos; S T. Axiuchiapan, coll. 2 C. sacki gigas; on to Tlancualpican, + on to Chicutla, on wrong road; back tracked to Matamoros, Puebla; too dry to coll. Tomys; drove to 1.5 mi SE Acatlan after heavy rain, 4600'; coll. 30 S. hammondi; 6 B. marmoratus?; drove on to 3.3 mi SE Acatlan, 4900'; + coll. 9 T. nitidus.

June 15, 1954

Camp to 1 mi NW Yanhuatlan, Oaxaca.

Drove to 2 mi ESE Yanhuatlan, Oaxaca; 8300'; + coll. 4 C. costatus?; 2 S. intermedia rehardi?; + 4 S. pictus. 6:15 pm; storm blowing; hail, rain, very strong wind. Moved camp to hilltop 1 mi NW Yanhuatlan, nearly lost tent in storm; 7: pm; all wet; + still raining. Heard Tomys calling 6:15 pm; between 8-9:30 pm; coll. 9 T. nitidus + 7 S. hammondi.

June 15, 1954

cont.

The scaphs taken from rain pool, *Tomys* on rocks + in bushes up to 5' off the ground. These *Tomys* have short trill with a short series of trills close together occasionally.

June 16, 1954

ZBID

Rained most of day; Ralph coll. 3 *S. mucronatus*; 1 *Bufo* sp.; between 8-9:30 pm, we coll. 1 salamander; 14 *T. nitidus*. These *Tomys* highly variable in color calls, + habits; Ralph found one beneath rock during the day.

June 17, 1954

Camp to 8 mi W. Tamazulapan, Oaxaca

Drove to 3 mi NW Yanhuatlan, 8700'; coll. 4 *S. spinosus*^{1 chem}; 11 *S. mucronatus*; 1 *B. coccifer*; 3 *T. nitidus*; 6 *Toluca lineata*; 1 *S. intermedia*. Drove to 6 mi W. Yanhuatlan, 8000'; coll. 1 *T. nitidus*, 1 *S. formosus*; 2 *S. spinosus*; drove to 9 mi W Yanhuatlan, 8400'; coll. 2 *S. mucronatus*; drove to 10 mi E Tamazulapan, 8200', coll. 1 *Toluca lineata*, 1 *S. mucronatus*; 1 *S. pictus*; 7.5 mi E; 8300', coll. 8 *S. pictus* + 1 *S. spinosus*. Drove to 8 mi W. Tamazulapan + camped. Heard very few *Tomys*; spent rest of evening putting up herps.

June 18, 1954

Camp to 8.5 mi SW Matamoros, Puebla; 4600'

Broke camp; drove to 8.5 mi E Huajuapán, 7000', Oax., Ralph + I coll. 6 *C. sacki*; 2 *S. spinosus*; 1 *R. pipiens*; drove to 4.5 mi NW Huajuapán, 7000', found 1 *S. ochoterenai*; drove to 8.5 mi SW Matamoros, Puebla; 4600', arriving 5:30 pm; set up camp in cane field, nr railroad tracks; from 8:30-10 pm collected 9 *Tomodactylus nitidus*.

June 19,
1954Camp - To Agua del Obispo, Guerrero, 3300'

Broke camp 8am; drove to Cuernavaca, Morelos; ate + drove thru Zguala, Chilpancingo, To Agua del Obispo, arriving about 4pm. Met A+M field party; had 3 letters from Mary. Call from 8-10pm; found S. pipilans, T. albolabris, in trees as high as 10' above ground; also found Tomx. sp.; P. lanei (2).

1954
June 20,TBID

Preserved specimens from 8am-1pm; coll. in pm; found 8 A. dunni; 2 Anolis sp.; 2 Microbatrachylus sp. 1 P. tuberosus. After dark; coll. 18 P. lanei, 8 P. tuberosus; 1 A. dunni; 1 T. albolabris; H. caprimimus; 1 Eleutherodactylus sp.

June 21
1954Agua del Obispo, 3300' To Mazatlan, Gro.; 7400'

Moved camp up old logging trail to Mts. above village of Mazatlan, Gro.; + coll. in late evening - 5 S. formosus; + 6 T. dilatus.

June 22
1954TBID

Collected all day in camp area - 1 E. calcitrans; 8 S. mucronatus; 4 S. formosus; 1 S. intermedia; 1 A. microlepidotus; 3 S. grammicus; 1 E. brevirostris; 1 B. occidentalis. I was sick in evening, Ralph collected 1 T. dilatus.

June 23
1954TBID to Amula, Gro.; 6000'

Climbed Mt. to 8000', coll. 1 P. belli; 2 S. mucronatus; 1 S. formosus; 1 T. chrysacephalus; 3 E. brevirostris; 2 B. gadavii; 2 A. microlepidotus. P. lukkensis coll. mammals; Rained every day; finally sun came out - came down Mt. + drove to 4 km S. Amula; arriving there about 7PM; in heavy rain.

June 23
1954 cont.

set up camp in middle of small valley; coll from
8:30-10pm; found 7 T. nitidus; 24 H. alboventer;
26 S. hammondi; 12 H. eximia.

June 24
1954

IBID

I was ill with trots all day; Ralph coll. 1 M. mabuya,
1 S. horridus, + during night, H. alboventer; H.
eximia; H. smithi; S. hammondi.

June 25
1954

IBID - to Chilpancingo, Gro.

Preserved specimens all morning; in PM, collected
S. horridus; S. ochoterenae; H. alboventer;
H. smithi; 85 H. eximia; Anolis sp. Cnemidophorus
sp., A. undulata sinistra. Drove on into
Chilpancingo + spent night in motel for first
time.

June 26
1954

Chilpancingo Gro to Cuernavaca Morales.

Left early, drove to 1mi S. Mexcala; on Rio Balsas;
1700'; found 2 S. mexicana stuck on fresh asphalt;
Drove to old pulp mill on River, 1500'; + collected:
10 P. asio; 6 B. marinus; 2 S. horridus; 11 S. gadovae;
2 C. costatus; 1 C. pectinata juv.; 4 C. deppoi;
1 C. sacki; 1 S. mexicana; 1 B. perplexus. Drove
on to Cuernavaca + spent night.

June 27
1954

Cuernavaca to Huitzilac camp.

spent most of day shopping in Cuernavaca; drove on
to 2mi W. Huitzilac, 7800', a camp of 1949 + 1950;
+ coll: 7 T. fuscus. Rained this pm + evening,
usual wet days + nights.

June 28
1954

Huitzilac to La Placita, Hidalgo.

Left early, drove to Super Hwy + thru Mexico City to 1.5 mi N. Durango, 7200'; nr La Placita; on way coll. 1 M. taeniatus crossing Hwy near 1 mi S.E. Fences; km marker 127; (3.5 mi S. Lagonilla, Hidalgo, 6800'). we were .5 km from La Placita, at present camp site.
coll. two Syrnophus sp.

June 29
1954

La Placita to camp on Hwy below Xilitla.

Stayed in camp + preserved herps; coll. 1 S. torquatus. Left at noon; + coll. nr EL Sol; just out of Tamazunchale; on Rio Moctezuma, S.L.P.; coll. 1 S. variabilis; drove to 8.5 mi E Xilitla; SLP, 1400'; nr cave; on road; found 1 Lepidophyma sp. nr cave entrance. Drove into Xilitla in driving rainstorm; drove back to Ferry 14 mi E Xilitla; + coll. 3 S. baudini, 1 H. stautleri, 1 B. valliceps, camped near river.

June 30
1954

Xilitla camp to 28 mi NE Monte Morelos; N.L.

Drove all day, bad road; coll. 2 B. speciosus at camp site, 400'.

July 1
1954

Camp to C.S. TEXAS.

Left early; stopped 15 mi SW China, N.L.; 600'; + coll. 2 S. cyanogenys on rocks. Crossed border; + arrived home approx. 2:30 am.

Color of Tamodactylus niditus

From type locality; 8 1/2 mi s.w. Matamoros; Puebla, Mexico,
June 18, 1954 - EL. 4600 FT. 9 specimens

voice - most all were peeping; but call is
variable; into a trill;

color: - All have yellow to orange thighs; the
inguinal gland is variable; distinct or indistinct;
with color; merges with belly color;

Body color; A forest green; or dark green
mottling on a light metallic tan background
orbital bar variable; Femur + Tibular area
banded with forest green on metallic tan;
Canthal stripe passes from nostril thru
center of eye; Iris; Golden above; gold
brown below. - Inguinal gland is white;
merging with belly color; mottled with
black - Ground color sometimes with a
pink-tan metallic lust. one with almost
complete dark green dorsal color; humeral
region on majority tinged with yellow.

Measurements:

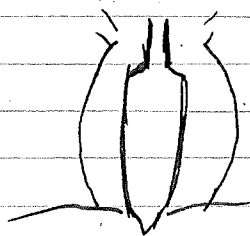
snout to vent: 29.8 mm	29.9	11212
28.7 mm	26.0	11205
28.5 mm	25.1	11206
25.7 mm	26.9	11208
26.1 mm	27.3	11211
27.9 mm	28.0	11209
27.8 mm	25.4	11213
25.9 mm	28.1	11207
29.5 mm	24.6	11210

Collected in trees, cacti, large rocks; Chestnuts
one about 9' from ground

Mountains west of Mazatlán, Guerrero, Mex.
June 21, 1954 EL. 7400 FT. Color description
of:

Tamodactylus dilatus ?

Body Color: Median dorsal dermal fold from interorbital region to the anus. ground color grey, mottled with overall grey-green. A interorbital stripe of ground color. Tympanum $\frac{1}{3}$ size of orbit; (variable to $\frac{3}{4}$) dark stripe from rostrum through nasal through middle of eye, over the tympanum & down to the just over the insertion of arm, Inguinal gland large; as long as humeral region of forearm. Hind legs ground color, banded with dark brown above; femoral region with yellow ochre mottling both anteriorly & posteriorly continuing on to the tibio-fibula region ventrally. Chin ~~white~~ with few white punctations along the infralabial region belly with some white pustules tipped granulations. Ventral femoral region granular with few white punctations & flesh color. Ventral disk



(sides sometimes can be granular up to region of inguinal gland)

inguinal glands mostly black, blotched with white, large irregular white blotch below inguinal gland continuing ventrally to the granulated area of belly. Sides not granular enlarged light area along mid-dorsal line; equal distance between snout & anus.