

**HERPETOLOGICAL TYPE-SPECIMENS IN THE UNIVERSITY
OF ILLINOIS MUSEUM OF NATURAL HISTORY: AN UPDATE
TO THE PRIMARY TYPES**

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INTRODUCTION

In 1964 Hobart Smith, David Langebartel, and Kenneth Willimas compiled a catalogue of the herpetological type-specimens in the University of Illinois Museum of Natural History (UIMNH). Since that time forty-two new primary types were added to the collection, most notably those that had been in the private collection of Fred A. Shannon. The goal of this document is to provide an updated catalogue to the primary types currently in the UIMNH Herpetology Collection. I have added the primary type material that was accessioned after the publication of Smith, et al. (1964) and corrected the few errors that were contained in that catalogue. I checked all entries against the original descriptions from the literature. In addition, I checked all the F.A. Shannon specimens against Shannon's field notebooks, which are in the UIMNH collection.

I deleted four entries from the 1964 catalogue that were listed as "in press", but were never published. All four names (frogs from Mexico) were attributed in the 1964 catalogue to "Lynch, 1964, *Herpetologica*, 20, in press".

I follow the format used in Smith et al. (1964) except I frame the actual literature citation in brackets. The page numbers given in the citation refer to those pages containing the reference to the type. These are not always the entire run of the article. As in the 1964 catalogue, EHT-HMS numbers for specimens formerly in the E.H. Taylor- H.M. Smith collection are cited parenthetically with no prefix. Other collection abbreviations used with numbers in parentheses are: CNHM (Chicago Natural History Museum), EHT (E.H. Taylor), FAS (F.A. Shannon), MCZ (Museum of Comparative Zoology), OS (Ottys Sanders), USNM (United States National Museum).

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CAUDATA

Ambystoma schmidti Taylor, 1939 [Univ. Kansas Sci. Bull., 25 (for 1938):263-264]
HOLOTYPE: 25042 (3999); Mexico: 10 mi E San Martin (Asuncion) at Rancho Guadalupe, Mexico; E. H. Taylor and H. M. Smith; August 3, 1932.

Bolitoglossa bilineata Lynch and Smith, 1966 [Trans. Kansas Acad. Sci., 69: 58-66]
HOLOTYPE: 56162; Mexico: Sierra Madre, N of Zanatepec, Oaxaca; T. MacDougall; September 24 to October 3, 1963.

Bolitoglossa melanomolga Taylor, 1941 [Proc. Biol. Soc. Washington, 54:81-83]
HOLOTYPE: 25041 (24626); Mexico: 20 km N San Antonio Limon (Totalco), N of El Limon, Veracruz; R.C. and E. H. Taylor; June 24, 1940.

Bolitoglossa riletti Holman 1964 [*Herpetologica*, 20(1):48-54]
HOLOTYPE: 52761 (3386); Mexico: 3.5 mi S Putla de Guerrero, Oaxaca; William Hill, A. Holman, and R. Altig; December 26, 1962.

Chiropterotriton megarhinus Rabb, 1960 [Copeia, 1960 (4):304-310]

HOLOTYPE: 40782; Mexico: Northern slopes of Cerro Tres Picos, 19 km NE Tonala, Chiapas; T. MacDougall; February 1, 1957.

Diemyctylus viridescens evergladensis Peterson, 1952 [Herpetologica, 8:103-106]

HOLOTYPE: 28740; USA: 60 mi W Miami Loop Rd. R and Rt. 94, Monroe County, Florida; H. W. Peterson; April 13, 1952.

Magnadigita brevipes Bumzahem and Smith, 1955 [Herpetologica, 11(1):74-75]

HOLOTYPE: 33694; Mexico: Region de Soconusco, Chiapas; E. Matuda; between 1944 and 1949.

Pseudoeurycea brunnata Bumzahem and Smith, 1955 [Herpetologica, 11(1):73-74]

HOLOTYPE: 33708; Mexico: Region de Soconusco, Chiapas; E. Matuda; between 1944 and 1949.

Pseudoeurycea firscheini Shannon and Werler, 1955 [Herpetologica, 11(2):82-84]

HOLOTYPE: 67055 (FAS 4174); Mexico: 2 mi W Acultzingo, Veracruz; J. Werler, J. Reid, and D. Darling; February 4- 19, 1953.

Pseudoeurycea werleri Darling and Smith, 1954 [Trans. Kansas Acad. Sci., 57(2):180-185, pl. 2, fig. 2]

HOLOTYPE: 33897; Mexico: Volcan San Martin, Veracruz; D. M. Darling; February 24, 1953.

Thorius pennatululus narismagnus Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58:360-386]

HOLOTYPE: 67054 (4780); Mexico: Slopes of Volcan San Martin, Veracruz; J. Werler, J. Reid, and D. Darling; January 17 to February 7, 1954.

Thorius pulmonaris Taylor, 1940 [Univ. Kansas Sci. Bull., 26 (for 1938):411-414]

HOLOTYPE: 30992 (16684); Mexico: Cerro San Felipe, about 12 kilometers north of Oaxaca, Oaxaca; E. H. Taylor; August 18, 1938.

ANURA

Acris gryllus paludicola Burger, Smith and Smith, 1949 [Jour. Tennessee Acad. Sci., 24:131-132]

HOLOTYPE: 872; USA: 5 mi W of Sabine Pass, Jefferson County, Texas; N. E. Worsham; May 2, 1948.

Bufo cavifrons Firschein, 1950 [Copeia, 1950(2):84-85, pl.I, figs. 3-4]

HOLOTYPE: 8741; Mexico: San Andres Tuxtla, 500 ft below peak of Volcan San Martin, Veracruz; I. L. Firschein; August 29, 1949.

Bufo cycladen Lynch and Smith, 1966 [Southwestern Naturalist, 11:19]

HOLOTYPE: 57142 (2749); Mexico: 3 mi S Putla de Guerrero, Oaxaca; R. Altig; June 29, 1984.

Bufo debilis retiformes Sanders and Smith, 1951 [Field and Laboratory, 19:153-156]

HOLOTYPE: 5847 (449); USA: 14.4 mi S Ajo, Pima County, Arizona; M. Hensley, W.L. Burger; August 1, 1948.

Bufo houstonensis Sanders, 1953 [Herpetologica, 9:27-54]

HOLOTYPE: 33687 (OS3006); USA: Fairbanks, Harris County, Texas; J.C. Wottring and W.J. Greer; May 18, 1952.

Bufo valliceps macrocristatus Firschein and Smith, 1957 [Herpetologica, 13(4):219-221]

HOLOTYPE: 35583; Mexico: Sierra Madre, near Cerro Azul, SE of La Gloria, Oaxaca; T. MacDougall; March 24 - 26, 1950.

Bufo woodhousei australis Shannon and Lowe, 1955 [Herpetologica, 11:185]

HOLOTYPE: 67056 (FAS 6817); USA: Tempe, Maricopa County, Arizona; A. Maas; April 6, 1955.

Eleutherodactylus bolivari Taylor, 1942 [Univ. Kansas Bull. Sci., 28:298-299]

HOLOTYPE: 15968 (29564); Mexico: Ixtapan del Oro, Mexico; C. Bolivar Pieltain; June 11, 1941.

Eleutherodactylus chiquito Lynch, 1965 [Nat. Hist. Misc., 182: 1-12]

HOLOTYPE: 55417; Mexico: El Chiquite, Chiapas; D. Langebartel, M. Landy, and E. Moll; August 1, 1963.

Eleutherodactylus loki Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58:369-372]

HOLOTYPE: 67057 (FAS 4748); Mexico: Near top of Volcan San Martin, Veracruz; J. Werler January 7 to February 17, 1954.

Eleutherodactylus macdougalli Taylor, 1942 [Univ. Kansas Sci. Bull., 28:71-73]

HOLOTYPE: 15907 (27482); Mexico: above La Gloria, Oaxaca, N Niltepec, Atlantic exposure, about 4,500 ft.; T. MacDougall; February 23 to 27, 1941.

Eleutherodactylus megalotympanum Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58:360-386]

HOLOTYPE: 74467 (FAS 4084); Mexico: Volcan San Martin, Veracruz; J. Werler and J. Reid. February 4 to 19, 1953.

Eleutherodactylus pygmaeus Taylor, 1936 [Trans. Kansas Acad. Sci., 39:352-354]

HOLOTYPE: 16125 (3691); Mexico: 1 mi N Rodriguez Clara, Veracruz; E.H. Taylor and H.M. Smith; September 7, 1935.

Eleutherodactylus sanmartinensis Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58: 360-386]

HOLOTYPE: 67058 (FAS 4750); Mexico: Volcan San Martin, Veracruz; J. Werler; January 7 to February 17, 1954.

Eleutherodactylus tarahumaraensis Taylor, 1940 [Copeia, 1940:250-253]

HOLOTYPE: 15955 (23008); Mexico: Mojarachic, Chihuahua; I.W. Knoblock; no date given.

Eleutherodactylus vulcani Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58(3):360-386]

HOLOTYPE: 74468 (FAS 4728); Mexico: Slope of Volcan San Martin, Veracruz; J. Werler; January 7 to February 17, 1954.

Eleutherodactylus werleri Lynch and Fritts, 1965 [Trans. Illinois Acad. Sci., 58(1):46-49]

HOLOTYPE: 42987; Mexico: Volcan San Martin Pajapan (east slope), Veracruz; J. Werler; September, 1954.

Gastrophryne usta retifera Lynch, 1956 [Trans. Kansas Acad. Sci., 68(3):
396-400]

HOLOTYPE: 29948; Mexico: near San Andros Tuxtla, Veracruz; H. M. Smith and E. H. Taylor; September 8, 1935.

Hyla arborescandens Taylor, 1939 [Univ. Kansas Sci. Bull., 25 (for 1938):388-391]

HOLOTYPE: 25045 (3135); Mexico: Cumbres, above Acultzingo, Veracruz; E. H. Taylor and H. M. Smith; July 22, 1932.

Hyla axillamembrana Shannon and Werler, 1955 [Trans. Kansas Acad. Sci., 58: 360-386]

HOLOTYPE: 67059 (4083) Mexico: 5 mi S Lake Catemaco on the San Andres Tuxtla - Minetitlan Rd., Veracruz; J. Werler and J. Reid; February 8, 1953.

Hyla beltrani Taylor, 1942 [Univ. Kansas Sci. Bull., 28:306-308]

HOLOTYPE: 25046 (29563); Mexico: Tapachula, Chiapas; A. Magana; August 1, 1941

Hyla darlingi Smith, Smith and Werler, 1952 [Texas J. Sci., 4(2):254]

HOLOTYPE: 21903 (3146); Mexico: Xico, Veracruz; J. Werler; November 12, 1948.

Hyla duellmani Lynch and Smith, 1966 [Trans. Kansas Acad. Sci., 69:58-75]

HOLOTYPE: 56821; Mexico: Sierra Madre, Zanatepec, Oaxaca; T. MacDougall; November 8 1963.

Hyla echinata Duellman, 1961 [Trans. Kansas Acad. Sci., 64(4):349-352, figs. 1-2]

HOLOTYPE: 49339; Mexico: W of Valle Nacional, Vista Hermosa, Chinantecas Mts., Oaxaca; O. C. Van Hyning; April 29, 1960.

Hyla forbesi Taylor, 1940 [Univ. Kansas Sci. Bull., 26 (for 1939):513-515]

HOLOTYPE: 25048 (22276); Mexico: 3 mi SW Acultzingo, Veracruz; D. Forbes; August 27, 1939.

Hyla microcephala martini Smith, 1951 [Herpetologica, 7:187-190]

HOLOTYPE: 20965 (12579); Mexico: Encarnacion, Campeche; H. M. Smith; October 11 to 12, 1936.

Hyla microcephala sartori Smith, 1951 [Herpetologica, 7:186-187]

HOLOTYPE: 20934 (3663); Mexico: 1 mi N Organos, S El Treinte, Guerrero; E. H. Taylor and H. M. Smith; June 28, 1932.

Hyla pinorum Taylor, 1937 [Proc. Biol. Soc. Wash., 50:46-48]

HOLOTYPE: 25049 (5972); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; July 24, 1936.

Hyla robustafemora Taylor, 1940 [Univ. Kansas Sci. Bull., 26 (for 1939):389-393]

HOLOTYPE: 25050 (16314); Mexico: Cerro San Felipe, Oaxaca, 7,000 to 8,000 ft.; E. H. Taylor; summer, 1938.

Hyla valancifer Firschein and Smith, 1956 [Herpetologica, 12:18-21]

HOLOTYPE: 35398; Mexico: Volcan San Martin, Veracruz, 4,500 ft.; I. L. Firschein and H. Barden; August 13-14, 1953.

Hylella azteca Taylor, 1943 [Proc. Biol. Soc. Wash., 56:49-52]

HOLOTYPE: 25044 (17525); Mexico: Near Tepoxtlan, Morelos; E. H. Taylor; summer, 1938.

Phrynohyas corasterias Shannon and Humphrey, 1957 [Herpetologica, 13: 15-18]

HOLOTYPE: 67060 (FAS 11307); Mexico: 4.8 mi W San Blas, Nayarit; F. A. Shannon and F. L. Humphrey; August 10, 1956.

Plectrohyla lacertosa Bumzahem and Smith, 1954 [Herpetologica, 10(1):64-65, fig. 1c]

HOLOTYPE: 33693; Mexico: Region de Soconusco, Chiapas; E. Matuda; between 1944 and 1949.

Pternohyla dentata Smith, 1957 [Herpetologica, 13(1):1-4]

HOLOTYPE: (40551); Mexico: 8 mi NE Logos de Moreno, Jalisco; W. H. Davis, W. Z. Lidicker, Jr., and J. R. Winklemann; July 12, 1956.

Ptychohyla adipovenstris Taylor, 1944 [Univ. Kansas Sci. Bull., 30:41-45]

HOLOTYPE: 25047 (21592); Mexico: Aguas del Obispo, Guerrero; E.H. Taylor; August 31, 1939.

Rana lighti Taylor, 1944 [Lignan Sci. Jour., 13(2):306-308]

HOLOTYPE: 25051 (EHT 1044); French Indo-China (China): Amoy (Fukien); S.F. Light; 1922.

Rana maculata krukoffi Smith, 1959 [Herpetologica, 15(4):215-216]

HOLOTYPE: 10526; Mexico: Finca Juarez, 7 leagues NE of Escuintla, Chiapas; H.M. Smith; May 6, 1940.

Rhombophryne testudo Boettger, 1880 [Zool. Anz., 3:568]

SYNTYPE 44690 (SMF 4267); Madagascar: Nossi Bé; C. Ebenau and A. Stumpff; 1880 to 1883.

Syrrhophus interorbitalis Langebartel and Shannon, 1956 [Herpetologica, 12(3):161-165]
HOLOTYPE: 67061 (FAS 9378); Mexico: 36 mi N Mazatlan, Sinaloa; D. Langebartel, E. Bay,
and J. Schaffner; November 17, 1955.

Syrrhophus petrophilus Firschein, 1954 [Copeia, 1954 (1):50-52]
HOLOTYPE: 7807; Mexico: 3 mi SW San Luis Potosi, (in Sierra San Miguelito Mts.), San Luis
Potosi; D. Langebartel; July 18, 1949.

TESTUDINES

Chrysemys marginata Agassiz, 1857 [Contr. Nat. Hist. U.S., 1:439]
SYNTYPE. 41529 (MCZ 1796); USA: Flint, Genesee County, Michigan; Dr. M. Miles; no date.

Trionyx muticus calvatus Webb, 1959 [Univ. Kansas Publ. Mus. Nat. Hist., 11(9):517-525]
HOLOTYPE: 31071; USA: Pearl River, Roses Bluff, 14 mi E Jackson, Rankin County,
Mississippi; W. F. Childers; August 25, 1952.

SAURIA

Abronia lythrochila Smith and Alvarez del Toro, 1963 [Herpetologica, 19(2):100-103]
HOLOTYPE: 51013; Mexico: Nachij, Carretera Tuxtla-Las Casas, Chiapas; M. Alvarez del Toro;
July 11, 1956.

Abronia reidi Werler and Shannon, 1961 [Trans. Kansas Acad. Sci., 64:123-132]
HOLOTYPE: 67062; Mexico: Volcan San Martin, crater rim, Veracruz; J. Werler and J. Reid;
February 15, 1953.

Anolis anisolepis Smith, Burley, and Fritts, 1968 [J. Herp., 2(3/4): 147-151]
HOLOTYPE: 73899; Mexico: 10 mi SE San Cristobal, Las Casas, Chiapas; W. Burley, J.
Fawcett, and T. Fritts; August 2, 1967.

Anolis aureolus Cope, 1885 [Proc. Amer. Philos. Soc., 22:390-391]
SYNTYPE. 40732 (USNM 24857); Mexico: Cape St. Lucas, Yucatan; A. Schotl; no date.

Anolis breedlovei Smith and Paulson, 1968 [Southwestern Naturalist, 13: 365-368]
HOLOTYPE: 48671; Mexico: on Cerro Azul, ca. 30 km SE Santa Maria Chimalapa, Oaxaca; T.
MacDougall; April 2, 1960.

Anolis compressicauda Smith and Kerster, 1955 [Herpetologica, 11:193-201]
HOLOTYPE: 35625; Mexico: La Gloria, Oaxaca; T. MacDougall; March 11, 1953.

Anolis cupreus Hallowell, 1955 [Proc. Acad. Nat. Sci., Philadelphia, 12:481]
SYNTYPE. 40733; Nicaragua; C. Wright; December 14, 1903.

Anolis cuprinus Smith, 1964 [Herpetologica, 20:31-33]

HOLOTYPE: 52959; Mexico: Zanatepec, Oaxaca; T. MacDougall; January 11, 1963.

Anolis forbesi Smith and Van Gelder, 1955 [Herpetologica, 11(2):147-148]

HOLOTYPE: 35553; Mexico: 5 mi E Izucar de Matamoros, Puebla; L.T. Forbes; December 30, 1953.

Anolis limifrons microlepis Alvarez del Toro and Smith, 1956 [Herpetologica, 12(1):4-5]

HOLOTYPE: 37971; Mexico: El Ocote, [near Ocozocoautla,] Chiapas; M. Alvarez del Toro; April 15, 1955.

Anolis matudai Smith, 1956 [Herpetologica, 12(1):1-2]

HOLOTYPE: 34199; Mexico: Region de Soconusco, Chiapas; E. Matuda; 1944 - 1949.

Anolis parilis Williams, 1975 [Breviora, 434:1-8]

HOLOTYPE: 82901 190 Ecuador: Rio Baba, 24 km S Santo Domingo, Pichincha; G. Key; November, 1952.

Anolis parvicirculata Alvarez del Toro and Smith, 1956 [Herpetologica, 12(1):5-6]

HOLOTYPE: 38045; Mexico: El Suspiro, [Berriozabal,] Chiapas; M. Alvarez del Toro; July 8, 1955.

Anolis pentaprion cristifer Smith, 1968 [Trans. Kansas Acad. Sci., 71: 195-200]

HOLOTYPE: 37066; Mexico: lake near Acacoyagua, Chiapas; H. M. Smith; April 25, 1940.

Anolis polyrachis Smith, 1968 [Southwestern Naturalist, 13: 368-370]

HOLOTYPE: 57548; Mexico: 6.2 mi S Vista Hermosa, Oaxaca; M. J. Landy and J. D. Lynch; June 24, 1964.

Anolis pygmaeus Alvarez del Toro and Smith, 1956 [Herpetologica, 12(1):7]

HOLOTYPE: 37975; Mexico: El Ocote, [near Ocozocoautla,] Chiapas; M. Alvarez del Toro; April 15, 1955.

Anolis sagrei mayensis Smith and Burger, 1949 [Anal. Inst. Biol., 20:407]

HOLOTYPE: 4170 (11523); Mexico: Panlao, Campeche; H. M. Smith; October 17, 1936.

Anolis simmonsii Holman, 1964 [Herpetologica, 20(1):48-54]

HOLOTYPE: 52899; Mexico: Rio Canoa, 16.25 mi W Pinotepec National, Oaxaca; W. Hill, A. Holman, and R. Altig; December 25, 1962.

Anolis tropidonotus spilorhipis Alvarez del Toro and Smith, 1956 [Herpetologica, 12(1):9-10]

HOLOTYPE: 37972; Mexico: [Villa Allende,] Cerro Ombligo, Chiapas; M. Alvarez del Toro; March 20, 1954.

Basiliscus plumifrons Cope, 1876 (1875) [Jour. Acad. Nat. Sci., Philadelphia, ser. 2, 8:125]

SYNTYPE: 40735; Costa Rica; W. Gabb

Cnemidophorus cozumelae maslini Fritts, 1969 [Copeia, 1969:519-535]

HOLOTYPE: 82699; Mexico: 17 mi W Champoton, Campeche; T. H. Fritts; August- 4 September 29, 1967.

Cnemidophorus deppei schizophorus Smith and Brandon, 1968 [Trans. Kansas Acad. Sci., 71(1):49-61]

HOLOTYPE: 79072 Mexico: ca. 2 mi S Tecolutla on Rt. 180, Veracruz; R. Brandon; June 26, 1965.

Cnemidophorus gularis var. *meeki* Gadow, 1906 [Proc. Zool. Soc. London, 1906:332-334]

SYNTYPE. 39954 (formerly CNHM 1288); Mexico: Garza Valdez, Tamaulipas; S. E. Meek; 1903.

Cnemidophorus gularis scalaris Cope, 1892 [Trans. Amer. Philos. Soc., 17:47, pl. 10, fig. 10]

SYNTYPE. 40738 (USNM 8319); Mexico: Mexican Plateau S of Chihuahua, between Chihuahua and Mexico; J. Potts; May 24 - June 15, 1875.

Cnemidophorus inornatus paululus Williams, 1968 [J. Herpetology, 1:21-24]

HOLOTYPE: 50988 KLV 754 Mexico: 10.2 mi NE Chocolate, Durango; K. L. Williams and P. S. Charpliw; July 16, 1958.

Cnemidophorus mexicanus var. *balsas* Gadow, 1906 [Proc. Zool. Soc. London, 1906:363-367]

SYNTYPE. 39955 (formerly CNHM 1350); Mexico: Yautepec, Morelos; S. E. Meek; 1903.

Cnemidophorus tigris pulcher Williams, Smith, and Chrapliwy, 1960 [Trans. Illinois Acad. Sci., 53(1-2):43-44]

HOLOTYPE: 43762; Mexico: 1.2 mi NW Carrillo, Chihuahua; P. S. Chrapliwy and K. L. Williams; August 1, 1958.

Eumeces gilberti arizonensis Lowe and Shannon, 1954 [Herpetologica 10:185]

HOLOTYPE: 67063; USA: 5 mi SE Wickenburg, Maricopa County, Arizona; R. Abbuhl; July 8, 1953.

Eumeces septentrionalis pallidus Smith and Slater, 1949 [Trans. Kansas Acad. Sci., 52:438-443]

HOLOTYPE: 1961; USA: Palo Pinto, Palo Pinto, County, Texas; P. Harter; May 1, 1946.

Gymnophthalmus underwoodi Grant, 1958 [Herpetologica, 14(4):227-228]

HOLOTYPE: 42334; West Indies: Barbados Islands; C. Grant; January, 1957.

Holbrookia propinqua piperata P.W. Smith and Burger, 1950 [Trans. Kansas Acad. Sci., 53:167-169]

HOLOTYPE: 4048; Mexico: Etiopa, 2 mi S of Tecolutla, Veracruz; P.W. Smith, and R.W. Reese; April 24, 1949.

- Leiopisma caudaequinae* Smith, 1950 [Univ. Kansas Sci. Bull., 34:195-200]
HOLOTYPE: 10131; Mexico: Salto Cola de Caballo, Nuevo Leon; J. P. Craig; April 19, 1946.
- Mabuya floweri* Taylor, 1950 [Univ. Kansas Sci. Bull., 33(13):487-489]
HOLOTYPE: 37565 (30507); Ceylon: 12 mi N Trincomalee; E. H. Taylor; September 3, 1944.
- Ophisaurus ceroni* Holman, 1965 [Q. J. Florida Acad. Sci., 27(4):311-315]
HOLOTYPE: 64463; Mexico: Veracruz, Veracruz; J. A. and D. R. Holman; August 11, 1964.
- Phrynosoma modestum* Girard, 1852 [in Stansbury, Exploration and Survey of the Great Salt Lake of Utah, pp/ 361-362, 365]
SYNTYPE. 40746; USA: between San Antonio and El Paso, Texas; J. H. Clark; 1857.
- Phyllodiactylus bordai* Taylor, 1942 [Univ. Kansas Sci. Bull., 28(1):93-96]
HOLOTYPE: 25060 (27732); Mexico: 6 mi N Taxco, Guerrero; E. H. Taylor; August 26, 1941.
- Phyllodactylus magnatuberculatus* Taylor, 1940 [Univ. Kansas Sci. Bull., 26:547-549]
HOLOTYPE: 25059 (10995); Mexico: Acapulco, Guerrero; H. M. Smith; October 10, 1936.
- Phyllodactylus wirshingi* Kerster and Smith, 1955 [Herpetologica, 11:229-232]
HOLOTYPE: 37740; Puerto Rico: Caja de Muertos Islands; J.A. Wirshing; March 10, 1953.
- Plestiodon longirostris* Cope, 1861 [Proc. Acad. Nat. Sci. Philadelphia, 13:313-314]
SYNTYPE. 40740 (USNM 4737); Bermuda Island; J. H. Darrell, January, 1861.
- Plestiodon tetragrammus* Baird, 1858 (1859) [Proc. Acad. Nat. Sci. Philadelphia, 10:256]
SYNTYPE. 40741 (USNM 3124); Mexico: Matamoras, Tamaulipas; D. N. Couch; July 21, 1858.
- Sceloporus aeneus subniger* Pogloyen and Smith, 1958 [Herpetologica, 14(1):13-15]
HOLOTYPE: 40850; Mexico: 63 km N of Toluca, Mexico; I. Pogloyen; April 4, 1956.
- Sceloporus clarkii vallaris* Shannon and Urbano, 1954 [Herpetologica, 10: 189-191]
HOLOTYPE: 67065; USA: Granite Dells, 4 mi N Prescott, Jct Hwy 89 and 89A, Yavapai, Arizona
R. F. Urbano and R. W. Abbuhl; August 24, 1953.
- Sceloporus longipes* Baird, 1859 (1858) [Proc. Acad. Nat. Sci. Philadelphia, 10:254]
SYNTYPE: 40726 (USNM 4358); USA: Ft. Tejon, Kern County, California; J. Xantus; no date.
- Sceloporus macdougalli* Smith and Bumzahn, 1953 [Herpetologica, 9(4):186-188]
HOLOTYPE: 34354; Mexico: Rincon Bamba, 22 mi SW Tehuantepec, Oaxaca; T. MacDougall;
March 26, 1953.
- Sceloporus malachitichus internasalis* Smith and Bumzahn, 1955 [Herpetologica, 11(2):118-120]
HOLOTYPE: 35617; Mexico: La Gloria, Oaxaca; T. MacDougall; March 12, 1953.
- Sceloporus merriami annulatus* Smith, 1937 [Proc. Biol. Soc. Wash., 50:83-86]

HOLOTYPE: 25058; USA E slope Chisos Mountains, Brewster County, Texas; E.H. Taylor and J. Wright; August, 1931.

Sceloporus merriami australis Williams, Smith, and Chrapliwy, 1960 [Trans. Illinois State Acad. Sci., 53(1-2):38-39]

HOLOTYPE: 43319; Mexico: 15.6 mi E Cuatro Ciénegas, Coahuila; P. S. Chrapliwy and K. L. Williams; July 9, 1958.

Sceloporus oligoporus Cope, 1864 [Proc. Acad. Nat. Sci. Philadelphia, 16:177-178]

SYNTYPE. 40728 (USNM 31392); Mexico: Colima; J. Xantus; July, 1863.

Sceloporus olivaceus Smith, 1934 [Trans. Kansas Acad. Sci., 37:277-279]

HOLOTYPE: 25057 (29883); USA: Arroyo Los Olmos, ca. 3 mi SE Rio Grande City, Starr County, Texas; E. H. Taylor and J.H. Wright; August 23, 1931.

Sceloporus parvus scutulatus Smith, 1937 [Occ. Pap. Mus. Zool. Univ. Mich., 358:4-6]

HOLOTYPE: 25056 (7129); Mexico: 30 mi N Matehuala, San Luis Potosí; H. M. Smith and E. H. Taylor; August 20, 1932.

Sceloporus poinsetti macrolepis Smith and Chrapliwy, 1958 [Herpetologica, 13(4):268-269]

HOLOTYPE: 35455; Mexico: El Salto, Durango ; I. L. Firschein and Herb Barden; 1952-1953.

Sceloporus poinsetti polylepis Smith and Chrapliwy, 1958 [Herpetologica, 13(4):269-270]

HOLOTYPE: 21464 (8757); Mexico: 18 mi N Escalon, Chihuahua; H. M. Smith and D. Dunkle; June 25, 1934.

Sceloporus pyrocephalus Cope, 1864 [Proc. Acad. Nat. Sci. Philadelphia, 16:177]

SYNTYPE. 40729 (USNM 31427); Mexico: Colima; J. Xantus; March, 1863.

Sceloporus shannonorum Langebartel, 1959 [Herpetologica, 15(1):25-27]

HOLOTYPE: 43060; Mexico: 37 mi W Concordia, Sinaloa; J. Schaffner; September 2, 1957.

Sceloporus siniferus Cope, 1869 (1858) [Proc. Amer. Philos. Soc., 11:159-160]

SYNTYPE. 40730 (USNM 30457); Mexico: Pacific side of Isthmus Tehuantepec, Oaxaca; F. Sumichrast; no date.

Sceloporus spinosus apicalis Smith and Smith, 1951 [Proc. Biol. Soc. Wash., 64:101-104]

HOLOTYPE: 8864; Mexico: 10 mi SW Miahuatlan, Oaxaca; W.L. Burger; July 6, 1949.

Sceloporus subpictus Lynch and Smith, 1965 [Herpetologica, 21(3):168-177]

HOLOTYPE: 53127; Mexico: San Andrés Chicahuastla, Oaxaca; T. MacDougall; May 5, 1963.

Sceloporus zosteromus Cope, 1863 [Proc. Acad. Nat. Sci. Philadelphia, 15:105]

SYNTYPE. 40731 (USNM 5298); Mexico: Cabo San Lucas, Baja California; J. Xantus; no date.

Sphaerodactylus alayoi Grant, 1959 [Herpetologica, 15(1):49-53]

HOLOTYPE: 44215; Cuba: Oriente Guantanamo; C. Grant; November, 1957.

Sphaerodactylus ruibali Grant, 1959 [Herpetologica, 15(1):53]

HOLOTYPE: 44246; Cuba: Oriente Guantanamo; C. Grant; December, 1957.

Sphaerodactylus spielmani Grant, 1958 [Herpetologica, 14(4):225-227]

HOLOTYPE: 44105; Cuba: Oriente Guantanamo; Lt. A. Spielaman Collection; January 2, 1958.

Teuchocercus keyi Fritts and Smith, 1969 [Trans. Kansas Acad. Sci., 72: 14]

HOLOTYPE: 80451 224 Ecuador: 4 km E Rio Baba bridge, 24 km S Santo Domingo de los Colorados, Pichincha; G. Key; February 8- 10, 1966.

Tropidurus abingdonensis Baur, 1890 [Biol. Centralbl., 10:479]

SYNTYPE. 40749 (USNM 14998); Ecuador: Abingdon Island, Islas Galápagos; April 16, 1886.

Uma paraphygas Williams, Chrapliwy, and Smith, 1959 [Trans. Kansas Acad. Sci., 62(2):166-172]

HOLOTYPE: 42889; Mexico: 0.7 mi E Carrillo, Chihuahua; P. S. Chrapliwy and K. L. Williams; August 1, 1958.

Uma rufopunctata Cope, 1895 [Amer. Nat., 29:938-939]

SYNTYPE. 40750 (USNM 21848); USA: Monument 200, Yuma Desert, Yuma County, Arizona; E. A. Mearns; May 15- 16, 1894.

Urosaurus graciosus shannoni Lowe, 1955 [Herpetologica, 11(2):96-101]

HOLOTYPE: 67066; USA: 2 mi W Morristown, Maricopai County, Arizona; G. Gates; July 27, 1954.

Uta elegans Yarrow, 1882 [Proc. U.S. Nat. Mus., 5:442]

SYNTYPE. 40751 (formerly USNM 12666); Mexico: La Paz, Baja California; L. Belding; 1882.

Xenosaurus grandis agrenon King and Thompson, 1968 [Bull. Florida State Museum Biol. Sciences, 12:93-123]

HOLOTYPE: 69375 Mexico: Rio Sol, Lachas, Jaquila, Oaxaca; T. MacDougall; March- May, 1966.

Xenosaurus arboreus Lynch and Smith, 1965 [Trans. Kansas Acad. Sci., 68:163-172]

HOLOTYPE: 56576 Mexico: Siera Madre, N of Zanatepec, Oaxaca; T. MacDougall; February, 1964.

Xenosaurus rackhami sanmartenensis Werler and Shannon, 1961 [Trans. Kansas Acad. Sci., 64:123-132]

HOLOTYPE: 80687; Mexico: Crater of Volcán San Martín, Veracruz; J. Werler and J. Reid; January 25, 1954.

SERPENTES

Adelphicos veraepacis latifasciatus Lynch and Smith, 1966 [Trans. Kansas Acad. Sci., 69(1):58-75]

HOLOTYPE: 56147; Mexico: Zanatepec, Sierra Madre, Oaxaca; T. MacDougall; September 6-12, 1963.

Agkistrodon bilineatus taylori Burger and Robertson, 1951 [Univ. Kansas Sci. Bull., 34:213-218, pl. XXV, figs. 1-2]

HOLOTYPE: 10002 (5514); Mexico: KM 833, 21 km N Villagran, Tamaulipas; E. H. Taylor; June 9, 1938.

Alsophis cantherigus spielmani Grant, 1959 [Herpetologica, 15(1):59-60]

HOLOTYPE: 42341; Cuba: Guantanamo; Lt. A. Spielman; November- December, 1952.

Arizona elegans australis Williams, Chrapliwy and Smith, 1961 [Nat. Hist. Misc., 177:1-4]

HOLOTYPE: 48721; Mexico: 21 mi SW Lreto, San Luis Potosi, Aguascalientes; K. L. Williams; July 20, 1958.

Bogertophis subocularis amplinotus Webb, 1990 [Texas J. Sci. 42(3):227-241]

HOLOTYPE: 62817; Mexico: 90.5 mi N of City of Durango, Durango; R. Arndt and W. Sherbrooke; June 26, 1963.

Bothrops nigroviridis macdougalli Smith and Moll, 1969 [Journal of Herpetology, 3(3-4):153]

HOLOTYPE: 27845 Mexico: Sierra Madre, 5-10 km E La Gloria, District of Juchitan, Oaxaca; T. McDougall; June 11, 1950.

Bothrops sphenophrys Smith, 1959 [Trans. Kansas Acad. Sci., 62(4):267-272]

HOLOTYPE: 6262; Mexico: El Soledad, Oaxaca; W.L. Burger; July 22, 1949.

Coniophanes fissidens convergens Shannon and Smith, 1949 [Trans. Kansas Acad. Sci., 52:500]

HOLOTYPE: 3821; Mexico: 6 mi NW Tihuatlan, near Castillo de Teayo, Veracruz; W.L. Burger; April 20, 1949.

Coniophanes fissidens obsoletus Minton and Smith, 1960 [Herpetologica, 16(2):108-109]

HOLOTYPE: 46573; Costa Rica: 1 mi E Volcan de Buenos Aires, Puntarenas; Sherman A. Minton, Jr.; July 22, 1957.

Crotalus semicornutus Taylor, 1944 [Univ. Kansas Sci. Bull., 30::59-60]

HOLOTYPE: 25068 (23014); Mexico: Mojarachic, Chihuahua; I. Knobloch; 1939.

Crotalus triseriatus gloydi Taylor, 1941 [Univ. Kansas Sci. Bull., 27:130-132]

HOLOTYPE: 25070 (23645); Mexico: Cerro San Felip, Oaxaca; E. H. Taylor; 1940.

Emmochliophis fugleri Fritts and Smith, 1969 [Trans. Kansas Acad. Sci., 72 (1): 60-66]
HOLOTYPE: 78795 232 Ecuador Pichincha 4 km E Rio Baba bridge, 24 km S Sto. Domingo de los Colorados; G. Key; February 8- 10 1966.

Enulius oligostichus Smith, Arndt, and Sherbrook, 1967 [Nat. Hist. Miscel. 186: 1-4]
HOLOTYPE: 62740; Mexico: Rt. 54, between San Blas and Rt. 15, Nayarit; W. Sherbrooke and R. Arndt; July 8, 1963.

Fimicia desertorum Taylor, 1936 [Proc. Biol. Soc. Wash., 49:31-32]
HOLOTYPE: 25065 (4576); Mexico: La Posa, near Guaymas, Sonora; E. H. Taylor; July 6, 1934.

Ficimia ramirezi Smith and Langebartel, 1950 [J. Wash. Acad. Sci, 39:411]
HOLOTYPE: 3767; Mexico: 1 league N Niltepec, Oaxaca; J. Ramirez; March 6, 1949.

Fimicia ruspator Smith and Taylor, 1941 [Jour. Wash. Acad. Sci., 31:364-365]
HOLOTYPE: 25064 (23646); Mexico: 3 mi E Tixtla, 10 mi E Chilpancingo, Guerrero; E. H. Taylor; July 29, 1940.

Geophis laticinctus Smith and Williams, 1963 [Herpetologica, 19:24-27]
HOLOTYPE: 51352; Mexico: Colonia Francisco, Madero Jitotol, Chiapas; T. MacDougall; December 23, 1961.

Geophis laticollaris Smith, Lynch, and Altig, 1965 [Nat. Hist. Miscel. 180: 1-12]
HOLOTYPE: 57170; Mexico: 3 mi S Putla, Oaxaca; Ron Altig; June 29, 1964.

Geophis maculiferus Taylor, 1942 [Univ. Kansas Sci. Bull., 27(7):119-121]
HOLOTYPE: 25078 (23552); Mexico: on Huetamo Rd, Michoacan; E. H. Taylor; August 14, 1940.

Geophis sallaei russatus Smith and Williams, 1966 [Journal of the Ohio Herpetological Society, 5 (3):90-92]
HOLOTYPE: 61409; Mexico: La Concepcion, near Putla, Oaxaca; T. MacDougall; May 25, 1965.

Leptotyphlops bressoni Taylor, 1939 [Copeia, 1939:5-6]
HOLOTYPE: 25076 (5247); Mexico: El Sabino, Michoacan; D. J. R. Bresson; 1935.

Liotyphlops rowani Smith and Grant, 1958 [Herpetologica, 14(4):207-209]
HOLOTYPE: 41731; Panama: Near Fort Clayton Reservation, Canal Zone; C. Grant; January- 13 March 30, 1958.

Masticophis bilineatus lineolatus Hensley, 1950 [Trans. Kansas Acad. Sci., 53:272]
HOLOTYPE: 5611; USA: 12.9 S and 5 mi E North Branch of Alamo Canyon, via Rt. 85, Pima County, Arizona; Max Hensley; May 15, 1949.

Micrurus diastema proximans Smith and Chrapliwy, 1958 [Herpetologica, 13(4):270-271]
HOLOTYPE: 40369 604 Mexico: 5 mi NE San Blas, Nayarit; W. H. Davis, W. Z. Lidicker, and J. R. Winklemann; July 16, 1956.

Natrix rhombifer werleri Conant, 1953 [Nat. Hist. Misc., 126:4-6]
HOLOTYPE: 67067 (FAS 3333); Mexico: on the Alvarado-San Andres Tuxtla road approximately 18 mi SE Alvarado, Veracruz; J. Werler; February 8, 1953.

Natrix rigida sinicola Huheey, 1959 [Copeia, (4):305]
HOLOTYPE: 1159; USA: Beaumont, Jefferson County, Texas; W.B. Robertson, (Herpetology Class 1948); May 2, 1948.

Ninia diademata nietoi Burger and Werler, 1954 [Univ. Kansas Sci. Bull., 36:657-660, fig. 1]
HOLOTYPE: 28512; Mexico: San Andres Tuxtla, Veracruz; J. Werler; 1951. **NOTE:** The UIMNH catalogue number is erroneously given as 2851 in Burger and Werler (1954).

Oxybelis potosiensis Taylor, 1941 [Univ. Kansas Sci. Bull., 27:128-130]
HOLOTYPE: 25069 (23614); Mexico: 32 mi N Ciudad Maiz, San Luis Potosí; E. H. Taylor; Summer, 1940.

Phyllorhynchus browni klauberi Shannon and Humphrey, 1959 [Herpetologica, 15:145-148]
HOLOTYPE: 67069; Mexico: 45.7 mi S Culiacan, Sinaloa; F. A. Shannon and F. L. Humphrey; July 16, 1958.

Phyllorhynchus decuratus norrisi Smith and Langebartel, 1951 [Herpetologica, 7:181]
HOLOTYPE: 23887; Mexico: 45.1 mi S Santa Ana, Sonora; D. A. Langebartel and R. Abbuhl; July 3, 1951.

Pliocercus andrewsi pacificus Smith and Chrapliwy, 1957 [Herpetologica, 13(4):233-235]
HOLOTYPE: 40832; Mexico: Pacific slopes of Finca Custepec, District of Tonalá, 40 mi ESE Tonalá, Chiapas; T. MacDougall; November 18, 1956.

Pliocercus elapoides occidentalis Smith and Landy, 1965 [Nat. Hist. Misc., 183:1-4]
HOLOTYPE: 61410; Mexico: La Concepcion, near Putla, Oaxaca; T. MacDougall; May 24, 1965.

Rhadinea macdougalli Smith and Langebartel, 1949 (1950) [Jour. Wash. Acad. Sci., 39(12):413]
HOLOTYPE: 3775; Mexico: near Buena Vista, at crest of Sierra Madra, directly N of Rio Grande, Oaxaca; T. MacDougall; March 7, 1949.

Salvadora intermedia richardi Smith, 1941 [Smith. Misc. Coll., 99(20):6-9]
HOLOTYPE: 25071 (23470); Mexico: 1 mi N of Tehuacan, Puebla; E. H. Taylor and R. C. Taylor; August 8, 1940.

Scaphiodontophis cyclura Taylor and Smith, 1943 [Univ. Kansas Sci. Bull., 29:318-320]
HOLOTYPE: 25074 (23618); Mexico: Cuautlapan, Veracruz; E. H. Taylor; 1940.

Sonora erythrura Taylor, 1937 [Herpetologica, 1:69-71]
HOLOTYPE: 25063 (5440); Mexico: 10 mi S Taxco, Guerrero; E. H. Taylor; July 17, 1936.

Storeria hidalgoensis Taylor, 1942 [Herpetologica, 2:78-79]
HOLOTYPE: 25061 (16145); Mexico: near Zacualtipan, Hidalgo; E. H. Taylor; August 13, 1938.

Storeria occipitomaculata pahasapae Smith, 1963 [Herpetologica, 19:17-21]
HOLOTYPE: 48564; USA: Dunmire's Lodge, Lead, Lawrence County, South Dakota; H. M. Smith; August 16, 1960.

Tantilla brevissima Taylor, 1937 [Trans. Kansas Acad. Sci., 39:344-345]
HOLOTYPE: (25075); Mexico: Near Tonola, Chiapas; E. H. Taylor; August 27- 31, 1935.

Tantilla flavilineata Smith and Burger, 1950 [Herpetologica, 6:117-119]
HOLOTYPE: 6321; Mexico: 8 mi SE of Nochixtlan, Oaxaca; W.L. Burger; August 23, 1949.

Tantilla hobartsmithi Taylor, 1936 (1937) [Trans. Kansas Acad. Sci., 39:340-342]
HOLOTYPE: 25066 (4558); Mexico: La Posa, near Guaymas, Sonora; E. H. Taylor; July 3, 1934.

Tantilla martindelcampoi Taylor, 1937 [Trans. Kansas Acad. Sci., 39:347-348]
HOLOTYPE: 25062 (4550); Mexico: Near El Treinta, 1 mi N Organos, Guerrero; E. H. Taylor; June 28, 1932.

Tantilla oaxacae Wilson and Meyer, 1971 [Herpetologica 27:11-40]
HOLOTYPE: 40910; Mexico: Sto. Tomás, Teipán, Oaxaca; T. MacDougall; February, 1956.

Tantilla triseriata Smith and Smith, 1951 [Proc. Biol. Soc. Wash., 44:97-99, figs. 1-2]
HOLOTYPE: 20198; Mexico: Coatlan, Oaxaca; T. MacDougall; October 9, 1949.

Thamnophis eburatus Taylor, 1940 [Herpetologica, 1:183-189]
HOLOTYPE: 25067 (5556); Mexico: Cerro San Felipe, Oaxaca; H. Roberts and E. H. Taylor; August 18, 1938.

Thamnophis halophilus Taylor, 1940 [Herpetologica, 1:183-189]
HOLOTYPE: 25073 (5560); Mexico: 7 mi N Zacualtipan, Hidalgo; E. H. Taylor; August 12, 1938.

Toluca megalodon Taylor and Smith, 1942 [Univ. Kansas Sci. Bull., 28:338-340]
HOLOTYPE: 25077 (23540); Mexico: Cerro San Felipe, Oaxaca; E. H. Taylor; July 10, 1940.

Tretanorhinus nigroluteus mertensi Smith and John Gillespie, 1965 [Journal of the Ohio Herpetological Society, 5(1):1-4]
HOLOTYPE: 55937; Mexico: N edge Lake Catemaco, 5 km E of Catemaco, Veracruz; John Gillespie; July 9, 1963.

Trimorphodon paucimaculatus Taylor, 1936 [Univ. Kansas Sci. Bull., 24:527-529]
HOLOTYPE: 25072 (4570); Mexico: near gold mine, Mazatlan, Sinaloa; E. H. Taylor; July 24, 1934.

Tropidoclonium lineatum iowae Call, 1891 [Amer. Jour. Sci., 1(4):298-299]
LECTOTYPE 53022 (formerly CMNH 219); USA: Des Moines, Polk County, Iowa; 1888.

Tropidodipsas malacodryas Shannon and Humphrey, 1959 [Herpetologica 15:217-222]
HOLOTYPE: 75787 (FAS 12487) Mexico: 4-8 mi E San Blas, Nayarit; F. A. Shannon and F. L. Humphrey; July 18, 1957.

Tropidodipsas freiae Shannon and Humphrey, 1959 [Herpetologica 15:217-222]
HOLOTYPE: 67068; Mexico: 63.5 mi N Mazatlan, Sinaloa; F. A. Shannon and F. L. Humphrey; July 18, 1958.