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ZOOLOGY****UNIVERSITY OF MICHIGAN**

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**CATALOGUE OF TYPE SPECIMENS
IN THE HERPETOLOGICAL COLLECTIONS
OF THE
UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY**By **JAMES A. PETERS****INTRODUCTION**

It has become the fashion during recent years, among American museums, to pause and take stock of acquisitions. These reviews of holdings have resulted in the publication of a large number of lists of type material contained in the various collections which are of value, perhaps, only to a very limited group of actively working systematists. Their value lies in the fact that they make information available which is otherwise rather difficult to obtain.

The present list was compiled primarily to facilitate the care of the type material contained in the UMMZ collections. Annual or biennial checks on the condition of these individual specimens are now possible and can be made with comparatively little difficulty. Except for turtle types, the individual specimens have not been segregated, but are on the shelves in the regular position of their species. The turtles, however, are now together in designated "type tanks" so that the alcohol content can be watched more closely than formerly.

In the course of preparing this list interesting information concerning the collection has been brought to light. The Trowbridge collection has assumed a new stature as a result of the discovery that several of the species described by Kennicott and by Baird and Girard were represented by type material therein. The value of this collection was emphasized by the secretary of the Smithsonian Institution at the time of its shipment to the Museum, but this worth was not appreciated until recently. Some of the specimens are undoubtedly cotypes, others are probably such, and still others are almost certainly from the type series.

The preparation of the list has pointed out many errors and difficulties attendant upon incomplete or inaccurate records. Type material of some species has never been recognized as such; paratypes have been given away unwittingly; published records have contained errors in numbers and data; specimens and numbers have been mixed and interchanged on the shelves; genera have been revised with total unawareness on the part of the reviewer of the availability of type material of some of the species concerned. It is hoped that this list will help to correct some of these errors and to make our material readily available.

It should be noted that this is the first time that the catalogue numbers assigned to many of the specimens have been made known. Some were unavailable to the author at the time of original publication, others were applied after acquisition of types previously described (as with many of the West Indian species described by Chapman Grant).

Categories of types have been used according to the definitions set up by Frizzell (*Amer. Midl. Nat.*, 14 (6), 1933, pp. 637-68). Topotypes have not been listed unless they are also paratypes.

The collection now contains type material of 433 species, which are apportioned among the major groups as follows (as of July 1, 1951):

Gymnophiona	5 (p. 3)	Sauria	152 (p. 23)
Caudata	50 (p. 3)	Ophidia	103 (p. 41)
Salientia	111 (p. 10)	Testudinata	12 (p. 54)

The species have been alphabetically arranged in each genus, and the genera under each order, except in the Squamata, where, of course, the lizards and the snakes are separate. The species is listed with full data and citation under the name by which it was originally described. If a name has been synonymized or its taxonomic position changed, the current name is given after an "equals" sign. The name by which a species of which we have type material is now recognized is listed with a reference to the original name combination. This should facilitate locating types which have been subject to nomenclatorial change.

GYMNOPHIONA

Boulengerula taitanus Loveridge

Bull. Mus. Comp. Zool., 79 (1), Feb., 1935, p. 16.

PARATYPE, 90660. Kenya Colony: Mbololo, Taita, 4500 feet. A. Loveridge, April 14-26, 1934.

Caecilia abitaguae Dunn

Bull. Mus. Comp. Zool., 91 (6), Dec., 1942, p. 508.

HOLOTYPE, 89930. Ecuador: Oriente; Abitagua, 1100 meters. Collector unknown, May, 1940.

PARATYPE, 89929. Ecuador: Oriente; Abitagua, 1100 meters. Collector unknown, Sept. 25, 1939.

N.B. These specimens were received from Clarke-MacIntyre and may have been collected by him.

Caecilia degenerata Dunn

Bull. Mus. Comp. Zool., 91 (6), Dec., 1942, p. 505.

PARATYPE, 65253. ? : Rio de Pache, Porte. W. R. Allen.

N.B. This specimen was listed as 65263 by Dunn.

Caecilia dunni Hershkovitz

Occ. Papers Mus. Zool. Univ. Mich., No. 370, April 12, 1938, p. 2, 1 fig.

HOLOTYPE, 82901. Ecuador: Napo-Pastaza; near Tena, 1700 feet. P. Hershkovitz, Dec., 1935.

Scolecormorphus uluguruensis Barbour and Loveridge

Mem. Mus. Comp. Zool., 50, 1928, p. 180.

PARATYPES, 90661 (2). Tanganyika Terr.: Nyingwa, Uluguru Mt. A. Loveridge, Oct. 15-19, 1926.

CAUDATA

Ambystoma cingulatum bishopi Goin

Ann. Carnegie Mus., 31, Sept. 15, 1950, p. 300, Pl. 1, Figs. 3-5.

PARATYPES, 73989. Florida: Marianna. Walker and Dury, Feb. 19, 1933.

77062 (2 larvae). Florida: Jackson Co.; near Cottondale. A. Carr, April 5, 1934. 100695. Georgia: Early Co.; Junction of Colquitt-Blakely and Hilton-Damascus Roads ("White's Place"). C. F. Walker, Feb. 3, 1950. 100982-83. Florida: Escambia Co.; 5 miles north of Pensacola.

Harvard Nygren, June 6 and Sept. 10, 1949.

Ambystoma stejnegeri Ruthven=*Ambystoma macrodactylum* Baird

Proc. U. S. Nat. Mus., 41, 1912, p. 517.

PARATYPES, 41971-72. Iowa: Davis Co.; Bloomfield. G. H. Berry, July 27, 1906.

Ambystoma tigrinum diaboli Dunn

Copeia, No. 3, Nov. 14, 1940, p. 160.

HOLOTYPE, 50156. North Dakota: Devil's Lake. M. Brannon.

PARATYPE, 50157. Data as for Holotype.

Batrachuperus karlschmidti Liu

Zool. Mem. Chicago Nat. Hist. Mus., 2, June 15, 1950, p. 87.

PARATYPE, 92418. China: Sikang; Jedo. D. C. Graham.

N.B. This specimen was listed as 92318 by Liu.

Bolitoglossa galaenae Taylor=*Pseudoeurycea galeanae* (Taylor)

Proc. Biol. Soc. Wash., 54, July 31, 1941, p. 83.

PARATYPE, 92423. Mexico: Nuevo León; 15 miles west of Galeana, 5200 feet. H. M. Smith.

Bolitoglossa nigroflavescens Taylor=*Magnadigita nigroflavescens* (Taylor)

Univ. Kans. Sci. Bull., 27 (1), Nov. 1, 1941, p. 150.

PARATOPOTYPES, 92419-20. Mexico: Chiapas; Cerro Ovando, between 5000 and 6000 feet. Hobart M. Smith, April 16, 1940.

Bolitoglossa nigromaculata Taylor=*Pseudoeurycea nigromaculata* (Taylor)

Univ. Kans. Sci. Bull., 27 (1), Nov. 1, 1941, p. 141.

PARATOPOTYPE, 92422. Mexico: Veracruz; Cuautlapan. H. M. Smith.

Bolitoglossa occidentalis Taylor

Univ. Kans. Sci. Bull., 27 (1), Nov. 1, 1941, p. 145.

PARATOPOTYPE, 92421. Mexico: Chiapas; La Esperanza, 500 feet. H. M. Smith, April 28, 1940.

Bolitoglossa odonnelli (Stuart)—see *Oedipus odonnelli* Stuart

Chiropterotriton bromeliacia (Schmidt)—see *Oedipus bromeliacia* Schmidt

Chiropterotriton mosauri (Woodall)—see *Oedipus mosauri* Woodall

Chiropterotriton multidentata (Taylor)—see *Oedipus multidentata* Taylor

Chiropterotriton nasalis (Dunn)—see *Oedipus nasalis* Dunn

Cryptobranchus bishopi Grobman

Occ. Papers Mus. Zool. Univ. Mich., No. 470, Jan. 26, 1943, p. 6, Pl. 1, Fig. 1.

HOLOTYPE, 68930. Missouri: Carter Co.; Current River at Big Spring Park. E. Creaser, Aug. 25, 1930.

PARATYPES, 68929; 68931-32. Data as for Holotype. 68897. Missouri: Carter Co.; Big Spring Park. E. B. Williamson and N. Shufeldt, 1930. 68916. Missouri: Carter Co.; granite quarry near Big Spring Park. E. Creaser and E. B. Williamson, Aug. 4, 1930.

Desmognathus fuscus imitator Dunn=*Desmognathus ochrophaeus carolinensis* Dunn

Copeia, No. 164, July-September, 1927, p. 84.

PARATOPOTYPE, 92409. North Carolina: Great Smoky Mts.; Indian Pass.
J. E. Benedict, Jr., June, 1927.

Desmognathus quadrimaculatus amphileucus Bishop
Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 12,
Pl. 1, Fig. 3.

HOLOTYPE, 89767. Georgia: Habersham Co.; Demorest. M. E. Philips,
April, 1926.

Eurycea bislineata major Trapido and Clausen
Copeia, No. 3, Sept. 24, 1938, p. 118.

PARATYPE, 85528. Quebec: Lake St. John Co.; Val Jalbert, along Ouat-
chouan River. R. Clausen and H. Trapido, Sept. 17, 1937.

Eurycea griseogaster Moore and Hughes
Copeia, No. 3, Sept. 30, 1941, p. 139.

PARATYPES, 89427-34. Oklahoma: Sequoyah Co.; Swimmer's Creek, about
10 miles northeast of Gore. G. Moore and A. Seamster, April 11, 1941.

Eurycea longicauda pernix Mittleman=*Eurycea longicauda longicauda*
(Green)

Proc. New England Zool. Club, 21, Nov. 20, 1942, p. 101, 1 pl.

PARATYPES, 91381 (5). Indiana: Brown Co.; Jimmie Strahl Creek, Brown
Co. State Park, 2.5 miles south of Nashville. M. B. Mittleman, Aug.
22, 1942.

Eurycea nana Bishop

Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 6,
Pl. 1, Fig. 1.

HOLOTYPE, 89759. Texas: Hayes Co.; Lake at head of San Marcos River.
C. E. Mohr, June 22, 1938.

ALLOTYPE, 89760. Data as for Holotype.

Eurycea tynerensis Moore and Hughes

Amer. Midl. Nat., 22 (3), Nov., 1939, p. 697, Fig. 1.

COTYPES, 85534 (5). Oklahoma: Adair Co.; 1/2 mile east of Proctor, Tyner
Creek. J. M. Mizelle and G. Moore, May 29, 1939.

Magnadigita cuchumatana (Stuart)—see *Oedipus cuchumatanus* Stuart

Magnadigita dunni (Schmidt)—see *Oedipus dunni* Schmidt

Magnadigita engelhardti (Schmidt)—see *Oedipus engelhardti* Schmidt

Magnadigita flavimembris (Schmidt)—see *Oedipus flavimembris* Schmidt

Magnadigita franklini (Schmidt)—see *Oedipus franklini* Schmidt

Magnadigita helmrichi (Schmidt)—see *Oedipus helmrichi* Schmidt

Magnadigita lincolni (Stuart)—see *Oedipus lincolni* Stuart

Magnadigita nigroflavescens (Taylor)—see *Bolitoglossa nigroflavescens* Taylor

Manculus quadridigitatus paludicolus Mittleman

Herpetologica, 3 (6), July 15, 1947, p. 220.

PARATYPES, 75940 (5). Louisiana: Bienville Parish; Bienville. C. Walker,
Feb. 20, 1934. 75941 (8). Louisiana: Evangeline Parish; 4 miles north

of Turkey Creek. C. Walker, Feb. 18, 1934. 93135 (5). Louisiana: Rapides Parish; Camp Claiborne, sec. 4, Unit B. H. Harrison, Aug. 31, 1942.

Necturus beyeri Viosca

Copeia, No. 2, Aug. 18, 1937, p. 123.

PARATYPE, 81910. Louisiana: Calcasieu River near Oakdale. P. Viosca, 1928.

Necturus maculosus stictus Bishop

Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 9, Pl. 2, Figs. 3-4.

HOLOTYPE, 89765. Wisconsin: Lake Winnebago. J. Pawlack, April 1, 1941.

ALLOTYPE, 89766. Data as for Holotype.

Oedipus bromeliacia Schmidt=*Chiropterotriton bromeliacia* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist. 20, (322), Dec. 11, 1933, p. 16.

PARATYPES, 80930 (2). Guatemala: Volcán Tajumulco, 7500 feet. K. P. Schmidt, Feb. 27, 1934.

Oedipus cuchumatanus Stuart=*Magnadigita cuchumatana* (Stuart)

Misc. Publ. Mus. Zool. Univ. Mich., No. 56, Jan. 30, 1943, p. 14, Pl. 1, Fig. 2.

HOLOTYPE, 89110. Guatemala: Nebaj; El Quiché. L. C. Stuart, July 12, 1940.

PARATYPES, 89111-13. Data as for Holotype (except collected July 22, 1940).

Oedipus dunni Schmidt=*Magnadigita dunni* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist., 20 (322), Dec. 11, 1933, p. 16.

PARATYPES, 80933 (2). Honduras: Mountains above San Pedro, 4500 feet. K. P. Schmidt, May 5, 1923.

Oedipus engelhardti Schmidt=*Magnadigita engelhardti* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 156.

PARATYPES, 80925 (3). Guatemala: south slope of Volcán Atitlán, 7000 feet. F. J. W. Schmidt, March 9, 1934.

Oedipus flavimembris Schmidt=*Magnadigita flavimembris* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 158.

PARATYPE, 80935. Guatemala: Volcán Tajumulco, 7500 feet. K. P. Schmidt, Feb. 16, 1934.

Oedipus franklini Schmidt=*Magnadigita franklini* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 159.

PARATYPES, 80932 (2). Guatemala: Volcán Tajumulco, 6,500 feet. K. P. Schmidt, March 3, 1934.

Oedipus goebeli Schmidt=*Pseudoeurycea goebeli* (Schmidt)

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 163.

PARATYPES, 80934 (2). Guatemala: Volcán Tajumulco, 8000-10,000 feet. K. P. Schmidt, Feb. 14, 1934.

- Oedipus helmrichi* Schmidt=*Magnadigita helmrichi* (Schmidt)
Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 152.
PARATYPE, 80929. Guatemala: Alta Verapaz; mountains above Samac, west of Cobán, 5000 feet. Daniel Clark, March 27, 1934.
- Oedipus lincolni* Stuart=*Magnadigita lincolni* (Stuart)
Misc. Publ. Mus. Zool. Univ. Mich., No. 56, Jan. 30, 1943, p. 9, Pl. 1, Fig. 1.
HOLOTYPE, 89107. Guatemala: Salquil Grande; El Quiché. L. C. Stuart, July 19, 1940.
PARATYPES, 89108-9. Data as for Holotype.
- Oedipus manni* Taylor=*Pseudoeurycea cephalica manni* (Taylor)
Univ. Kans. Sci. Bull., 25 (14), 1938 (July 10, 1939), p. 277.
PARATYPES, 48061-62. Mexico: Hidalgo; Guerrero.
- Oedipus mosauri* Woodall=*Chiropterotriton mosauri* (Woodall)
Occ. Papers Mus. Zool. Univ. Mich., No. 444, July 18, 1941, p. 2.
HOLOTYPE, 88839. Mexico: Hidalgo; Durango, 7260 feet. R. Livingston and H. Woodall, June 20, 1937.
PARATYPES, 88840-42. Data as for Holotype.
N.B. The data for the paratypes in the original paper are in error, the numbers being given as 888390-93.
- Oedipus multidentata* Taylor=*Chiropterotriton multidentata* (Taylor)
Univ. Kans. Sci. Bull., 25(14), 1938 (July 10, 1939), p. 289.
PARATYPES, 63946; 63948; 63953. Mexico: Puebla; Mesa de Necaxa. H. B. Baker, July, 1927.
N.B. Our catalogue data do not agree with author's locality for the paratypes, which is given as El Chico, Hidalgo.
- Oedipus nasalis* Dunn=*Chiropterotriton nasalis* (Dunn)
Zool. Ser. Field Mus. Nat. Hist., 12 (7), May 19, 1924, p. 98.
PARATYPES, 80926 (2). Honduras: mountains above San Pedro, 4500 feet. K. P. Schmidt, April 1, 1923.
- Oedipus odonnelli* Stuart=*Bolitoglossa odonnelli* (Stuart)
Misc. Publ. Mus. Zool. Univ. Mich., No. 56, Jan. 30, 1943, p. 10, Pl. 2, Fig. 3.
HOLOTYPE, 89096. Guatemala: Alta Verapaz; Finca Volcán. L. C. Stuart, Mar. 28, 1940.
PARATYPES, 89097-89103. Data as for Holotype (collected March 20-28, 1940).
- Plethodon caddoensis* Pope and Pope
Bull. Chicago Acad. Sci., 9 (8), May 11, 1951, p. 148.
PARATYPE, 82791. Arkansas: Montgomery Co.; Caddo Gap. W. A. Archer, April, 1935.
- Plethodon cinereus serratus* Grobman
Ann. N. Y. Acad. Sci., 45 (7), 1944, p. 306.
PARATYPES, 77379 (2). Arkansas: Polk Co.; Rich Mt. J. Bailey, April 15,

1935. **77804** (5). Arkansas: Garland Co.; 7 miles east of Garland-Montgomery Co. line. Heinze and Hubricht, April, 1935. **77805** (12). Arkansas: Polk Co.; 2 miles west of Acorn. Heinze and Hubricht, April, 1935. **77806** (3). Arkansas: Polk Co.; Rich Mt. Heinze and Hubricht, April, 1935. **77807** (3). Arkansas: Polk Co.; 3 miles west of Acorn. Heinze and Hubricht, April, 1935. (N.B. Number given as 77808 by author.) **83298**. Arkansas: Montgomery Co.; Caddo Gap. A. Archer, April, 1935.

Plethodon glutinosus albagula Grobman

Ann. N. Y. Acad. Sci., 45 (7), May 9, 1944, p. 283.

PARATYPES, **64052** (5). Texas: Hays Co.; San Marcos. W. J. Williams, Feb., 1927.

Plethodon huldae Grobman

Proc. Biol. Soc. Wash., 63, Aug. 23, 1949, p. 136.

PARATYPES, **98748-51**. Virginia: Madison-Page Co. line; trail to Stony Man Peak from Skyland Campsite, 3750 feet, July 18, 1948, H. G. M. Jopson.

Plethodon jordani teyahalee Hairston

Copeia, No. 4, Dec. 22, 1950, p. 269.

HOLOTYPE, **100807**. North Carolina: Cherokee-Graham Co. line; Snowbird Mts., Teyahalee Bald, 4525 feet. N. G. Hairston, Aug. 23, 1949.

PARATYPES, **81040** (3). North Carolina: Cherokee Co.; Teyahalee Bald, 4000 feet. J. Bailey, Aug. 12, 1946. **100808**. Data as for Holotype. **100809-10**. Data as for Holotype, except collected at 4375 feet.

Plethodon richmondi Netting and Mittleman

Ann. Carnegie Mus., 27, 1938, p. 288, Pl. 30, Fig. 1.

PARATYPE, **86162**. West Virginia: Cabell Co.; Huntington, Ritter Park, 600-700 feet. N. D. Richmond and N. B. Green, Oct. 15, 1938.

Plethodon welleri Walker

Proc. Junior Soc. Nat. Hist. Cincinnati, 1 (7), 1930, p. 3.

PARATYPES, **71785** (2). North Carolina: Grandfather Mt., near Linville, above 5000 feet. Collector unknown, Aug. 27, 1930.

Pseudobranchius striatus axanthus Netting and Goin

Ann. Carnegie Mus., 29, 1942, p. 183, Pl. 1, Figs. 1-2.

PARATYPES, **77150** (5). Florida: Alachua Co.; Paynes Prairie, near Gainesville. W. Clanton, Oct. 4, 1932. **79594** (3). Data as for 77150, except collected by A. Carr, March 12, 1931. **84470** (3). Florida: Alachua Co.; Gainesville. I. Cantrall, Dec. 11, 1938. **100237** (27). Data as for 77150, except collected by C. J. Goin, Feb. 29, 1940.

Pseudobranchius striatus spheniscus Goin and Crenshaw

Ann. Carnegie Mus., 31, Nov. 21, 1949, p. 277.

PARATYPES, **99390** (3). Georgia: Baker Co.; Putney Pond. J. Crenshaw and G. B. Rabb.

Pseudoeurycea cephalica manni (Taylor)—see *Oedipus manni* Taylor

Pseudoeurycea galeanae (Taylor)—see *Bolitoglossa galeanae* Taylor

Pseudoeurycea goebeli (Schmidt)—see *Oedipus goebeli* Schmidt

Pseudoeurycea nigromaculata (Taylor)—see *Bolitoglossa nigromaculata* Taylor

Pseudotriton flavissimus floridanus Netting and Goin—see *Pseudotriton montanus floridanus* Netting and Goin

Pseudotriton montanus diastictus Bishop

Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 14, Pl. 2, Figs. 1–2.

PARATYPES, 75886 (3). Kentucky: Bell Co.; Middlesboro. R. Bailey, April 9, 1934.

Pseudotriton montanus floridanus Netting and Goin = *Pseudotriton flavissimus floridanus* Netting and Goin

Ann. Carnegie Mus., 29, 1942, p. 175, Pl. 1, Fig. 5.

PARATYPES, 56646. Florida: Alachua Co. J. S. Rogers, April 4, 1922. 68855.

Florida: Jackson Co.; Marianna. J. S. Rogers and O. Van Hying, June 12–15, 1930. 86419. Florida: Alachua Co.; Gainesville.

Ranodon olympicus Gaige = *Rhyacotriton olympicus* (Gaige)

Occ. Papers Mus. Zool. Univ. Mich., No. 40, May 30, 1917, p. 2, Pl. 1.

HOLOTYPE, 48608. Washington: Cushman Lake. P. Putnam, April 20, 1916.

PARATYPES, 49945–49. Data as for Holotype, collected April 20–30, 1916.

N.B. The number of the type was given as 48607, a typographical error, since 48608 is catalogued and labeled as type by Mrs. Gaige.

Rhyacotriton olympicus (Gaige)—see *Ranodon olympicus* Gaige

Siren intermedia nettingi Goin

Ann. Carnegie Mus., 29, Sept. 3, 1942, p. 211.

PARATYPES, 68381 (2); 68382. Arkansas: Lawrence Co.; Imboden. B. Marshall, May, 1929. (TOPOTYPES.) 84354. Tennessee: Bayou du Chien,

Reelfoot Lake, (Walnut Log). M. Parker, July 27, 1936. 84355. Tennessee: 3½ miles east northeast of Memphis. M. Parker, April 19,

1935. 84356. Arkansas: near Paragould. M. Parker, April 19, 1935. 86391. Tennessee: Cumberland River near Nashville. E. Kuhne.

Triturus granulatus twittyi Bishop

Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 16, Pl. 1, Figs. 4–5.

HOLOTYPE, 89763. California: Santa Clara Co.; Saratoga. S. Bishop, V. Twitty, and M. Wright, May 20, 1936.

ALLOTYPE, 89764. Data as for Holotype.

PARATYPES, 55277–84. California: Santa Clara Co.; Corralito Creek. D. L.

Dice, Aug. 29, 1920. 66654 (3). California: Santa Clara Co.; Corralito Creek, 3 miles north of Corralitos. D. Dice, May 26, 1928. 66655 (4).

California: Santa Clara Co.; Bodfish Canyon. D. Dice, June 24, 1928.

Triturus perstriatus Bishop

Occ. Papers Mus. Zool. Univ. Mich., No. 451, Nov. 13, 1941, p. 3,
Pl. 1, Fig. 2.

HOLOTYPE, 89761. Georgia: Dedge Pond, 2 miles east of Chesser's Island.
S. Bishop and M. Wright, Feb. 14, 1936.

ALLOTYPE, 89762. Data as for Holotype.

PARATYPES, 74434 (5). Florida: Leon Co.; Lake Jackson. J. Alexander,
June 14, 1922. 74437 (3). Florida: Alachua Co.; 3 miles south of
Gainesville. A. Carr, Feb. 14, 1933.

Typhlotriton nereus Bishop

Copeia, No. 1, April 21, 1944, p. 1, Figs. 1, 3.

PARATYPES, 77052 (2). Missouri: Downer's Cave, Sarcoxie. B. Marshall,
Oct. 1, 1927. 77053 (2). Arkansas: Lawrence Co. B. Marshall, April,
1929. 81481. Oklahoma: Adair Co.; 5 miles south of Kansas. F. Blair,
July 10, 1936.

SALIENTIA

Allophryne ruthveni Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 176, Oct. 14, 1926, p. 2, Pl. 1.

HOLOTYPE, 63419. British Guiana: Tukeit Hill, below Kaiteur Falls.
E. N. Clarke, May, 1924.

Arthroleptis bequaerti Barbour and Loveridge

Proc. New England Zool. Club, 11, 1929, p. 25.

PARATYPE, 71406. Belgian Congo: swamp on Mt. Vissoke. J. Derscheid,
1926.

Atelopus carrikeri Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 28, May 25, 1926, p. 1.

HOLOTYPE, 48271. Colombia: Paromo de Macostama, Santa Marta Mts.,
8000-15,000 feet. M. A. Carriker, April 21, 1914.

PARATYPES, 48273-78. Colombia: San Diego. M. Carriker, April 20-21,
1914.

N.B. Our catalogue has the type locality as "Don Diego, Col."

Atelopus chiriquiensis Shreve

Occ. Papers Boston Soc. Nat. Hist., 8, 1936, p. 269.

PARATYPE, 90656. Panama: Volcán, Río Chiriquí.

- Atelopus cruciger vogli* Müller=*Atelopus varius vogli* Müller
Zool. Anzeiger, 108 (7/8), Nov. 15, 1934, p. 151.
PARATYPE, 92431. Venezuela: Las Peñas, near Maracay. P. Vogely.
- Atelopus gracilis* Barbour=*Atelopus elegans* Boulenger
Bull. Mus. Comp. Zool., 46, 1905, p. 102.
COTYPES, 48072; 50099. Colombia: Gorgona Islands. W. W. Brown. 60301.
Colombia: Gorgona Islands. Thayer Exped., 1904.
- Atelopus spurrelli certus* Barbour=*Atelopus certus* Barbour
Occ. Papers Mus. Zool. Univ. Mich., No. 129, Jan. 25, 1923, p. 12.
PARATYPES, 60275 (2). Panama: Mt. Sapo. T. Barbour.
- Atelopus varius certus* Barbour—see *Atelopus spurrellii certus* Barbour
Atelopus varius vogli Müller—see *Atelopus cruciger vogli* Müller
- Bufo chanchanensis* Fowler=*Bufo typhonius chanchanensis* Fowler
Proc. Acad. Nat. Sci. Philadelphia, 1914, p. 155.
PARATYPE, 52930. Ecuador: Camp Chiguancay, Río Chanchan. F. N. Rhoads, March, 1911.
- Bufo exsul* Myers
Occ. Papers Mus. Zool. Univ. Mich., No. 460, Sept. 16, 1942, p. 3,
Pls. I and II.
HOLOTYPE, 83357. California: Inyo Co.; Deep Springs Valley, Deep Springs.
G. Ferriss, March 24, 1937.
PARATYPES, 77970 (6); 77971-91. California: Inyo Co.; Deep Springs, 7½
miles south of Deep Spring Ranch. C. L. Hubbs and family, Sept. 4,
1934.
- Bufo fowleri* Garman=*Bufo woodhousii fowleri* Garman
Bull. Essex Inst., 16, 1884, p. 42.
COTYPE, 50246. Massachusetts: Danvers. Collector unknown.
- Bufo micranotis* Loveridge
Proc. Zool. Soc. London, July 21, 1925, p. 770, Pl. 1, Fig. 1.
PARATYPE, 61367. Tanganyika Terr.: Uluguru Mts. A. Loveridge, March
1, 1921.
- Bufo minshanicus* Stejneger
Journ. Wash. Acad. Sci., 16, 1926, p. 445.
PARATYPE, 92509. Mongolia: Choni, on Tao River, Kansu.
- Bufo smithi* Stejneger
Bull. U. S. Nat. Mus., No. 58, July 22, 1907, p. 64.
PARATOPOTYPE, 92508. Japan: Shikoku Island; Province of Toza, Kochi.
Hugh M. Smith, May 11, 1903.
- Bufo typhonius chanchanensis* Fowler—see *Bufo chanchanensis* Fowler
- Bufo ushoranus* Loveridge
Occ. Papers Boston Soc. Nat. Hist., 8, 1932, p. 45.
PARATYPE, 61393. Tanganyika Terr.: Mwanza, Nyambita. A. Loveridge,
Nov. 10, 1922.
- Bufo woodhousii fowleri* Garman—see *Bufo fowleri* Garman

Chiasmocleis bolivianus Parker

Occ. Papers Mus. Zool. Univ. Mich., No. 187, Dec. 2, 1937, p. 3, Pl. 1, Fig. 5.

PARATYPES, 63966 (2). Bolivia: Dept. Santa Cruz; Buenavista. J. Steinbach. *Craspedoglossa sanctaecatharinae* Müller

Blatt. für Aquar.- und Terrarienkunde, 33 (11), June 15, 1922, p. 168, Figs. 1-3.

COTYPES, 58526 (2). Brazil: Santa Catharina, Río Humboldt.

N.B. 58522 is a series of eggs of this species, which were also described by Müller.

Cryptobatrachus boulengeri Ruthven = *Cryptobatrachus fuhrmanni* (Peracca)

Occ. Papers Mus. Zool. Univ. Mich., No. 33, Dec. 16, 1916, p. 2.

HOLOTYPE, 48530. Colombia: Cincinnati, 4500 feet. F. M. Gaige, July 3, 1913.

PARATYPES, 48531; 48532 (4); 48533-35; 48537-38. Data as for Holotype (except collected by members of Walker Exped., July, 1913).

Cyclorhamphus culeus Garman = *Telmatobius culeus* (Garman)

Bull. Mus. Comp. Zool., 3, 1875, p. 276.

COTYPES, 48074. Bolivia: Carapata. S. Garman, 1875. 50096. Bolivia: Lake Titicaca. S. Garman, no date.

Cyclorhamphus granulatus Lutz

Mem. Inst. Oswaldo Cruz, 22, 1929, p. 13.

COTYPE, 92446. Brazil: São Paulo; Bonito, Serra de Bocaina. Collector and date unknown.

Dendrobates minutus ventrimaculatus Shreve

Occ. Papers Boston Soc. Nat. Hist., 8, 1935, p. 213.

PARATYPES, 90657 (2). Ecuador: Río Pastaza, from Canelos to Marañón. C. Spencer, 1931-32.

Eleutherodactylus alticola Lynn

Herpetologica, 1 (3), July 15, 1937, p. 89.

PARATOPOTYPE, 92436. Jamaica: St. Thomas Parish; Blue Mountain Peak, 7000+ feet. W. G. Lynn, July 14, 1936.

Eleutherodactylus andrewsi Lynn

Herpetologica, 1(3), July 15, 1937, p. 88.

PARATYPE, 92442. Jamaica: Clydesdale. W. G. Lynn.

Eleutherodactylus anzuetoii Stuart

Proc. Biol. Soc. Wash., 54, 1941, p. 197.

HOLOTYPE, 89160. Guatemala: El Quiché; 2 kilometers north of Nebaj, about 1985 meters. L. C. Stuart, July 12, 1940.

PARATYPES, 89911. Data as for Holotype. 89912-13. Guatemala: Alta Verapaz; Finca Chichén, 1600 meters. L. C. Stuart, May 17, 1940.

Eleutherodactylus audanti Cochran

Occ. Papers Boston Soc. Nat. Hist., 40, 1935, p. 369.

PARATYPES, 92216 (2). Haiti: Morne la Visite. Collector unknown.

Eleutherodactylus briceni (Boulenger)—see *Hylodes briceni* Boulenger

Eleutherodactylus carmelitae Ruthven

Misc. Publ. Mus. Zool. Univ. Mich., No. 8, Sept. 15, 1922, p. 51, Pl. 11, Fig. 1, Pl. 12, Fig. 1.

HOLOTYPE, 54528. Colombia: Santa Marta Mts.; Quebrado Viernes Santo, 5000 feet. A. G. Ruthven, June (July?) 16, 1920.

PARATYPES, 54527. Data as for Holotype. 54530; 54532–34. Colombia: Santa Marta Mts.; Quebrada de la Dante. A. G. Ruthven, June 23, 1920.

N.B. Our records show only 8 specimens in the type series, although the author mentions 10. The other 2 may be numbers 51110–11, the only other specimens identified as this species in our collection. They were in the same bottle as the series 54530–34.

Eleutherodactylus cochranae Grant

Journ. Dept. Agric. Puerto Rico, 16 (3), 1932, p. 325.

HOLOTYPE and PARATYPES, 73477 (106). Lesser Antilles: St. John Island. C. Grant, April, 1932.

PARATYPES, 73478 (22). Lesser Antilles: Hassel Island, St. Thomas. C. Grant, April 12, 1932.

N.B. Grant named a holotype, with his original collection number 5659 given as the type's number. This specimen is in the series catalogued as number 73477, but the original tags have been removed, and it is not identifiable as an individual.

Eleutherodactylus cooki Grant

Journ. Dept. Agric. Puerto Rico, 16 (2), April, 1932, p. 145.

HOLOTYPE, 73442. Puerto Rico: Pandura Mts. C. Grant, Jan. 24, 1932.

Eleutherodactylus delicatus Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 43, Sept. 8, 1917, p. 1, Pl. 1.

HOLOTYPE, 50159. Colombia: Santa Marta Mts.; San Lorenzo, 5000 feet. A. G. Ruthven, July 21, 1923.

PARATYPE, 50160. Data as for Holotype (collected July 16, 1913).

Eleutherodactylus intermedius Cochran = *Eleutherodactylus haitianus* Barbour
Bull. U. S. Nat. Mus., No. 177, 1941, p. 70.

PARATYPES, 92214. Dominican Republic: Loma Romilla of the Cordillera Central, 8000–10,000 feet. P. Darlington, June, 1938. 92215. Dominican Republic: Valle Nuevo, southeast of Constanza at 6000–8000 feet. P. Darlington, August, 1938.

N.B. *E. haitianus* Barbour (Copeia, 1942, p. 179) is a substitute name for *E. intermedius* Cochran, which is preoccupied by *E. intermedius* Barbour and Shreve.

Eleutherodactylus gaigei (Dunn)—see *Lithodytes gaigei* Dunn

Eleutherodactylus haitianus Barbour—see *Eleutherodactylus intermedius* Cochran

Eleutherodactylus insignitus Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 34, Jan. 7, 1917, p. 1, Fig. 1.
HOLOTYPE, 48393. Colombia: Heights east of San Miguel. M. A. Carriker,
 April 24, 1914.

PARATYPES, 48394; 48397-99; 48401-3; 48404 (2); 48406-7. Data as for Holo-
 type, collected April 23-24, 1914.

Eleutherodactylus karlschmidti Grant

Copeia, No. 2, July 20, 1931, p. 55, 5 figs.

HOLOTYPE, 73426. Puerto Rico: Luquillo Forest. C. Grant, April 11, 1931.

PARATYPES, 73427 (13). Data as for Holotype.

Eleutherodactylus lewisi Lynn and Dent

Herpetologica, 2, 1942, p. 72.

PARATYPE, 92443. Jamaica: Westmoreland, near Bush Mountain. W. G.
 Lynn.

Eleutherodactylus lynni Goin and Cooper

Occ. Papers Mus. Inst. Jamaica, No. 4, Aug. 1, 1950, p. 4, 1 pl.

PARATYPE, 98752. Jamaica: St. James Parish; Sweetwater, near Horse
 Guards Road. Goin and Cooper, July 5, 1948.

Eleutherodactylus megalops Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 39, May 28, 1917, p. 3, Pl. 1,
 Figs. 1-2.

HOLOTYPE, 48444. Colombia: San Lorenzo, 5000 feet. A. G. Ruthven,
 July 16, 1913. (Locality given in catalogue as Cincinnati, Colombia.)

PARATYPES, 48445-51; 48453-55; 48459-60; 48462-66. Colombia: Cincin-
 nati. Walker Exped., July, 1913. 48457; 48461. Colombia: San Lorenzo.
 Walker Exped., July, 1913.

Eleutherodactylus pinarensis Dunn

Occ. Papers Boston Soc. Nat. Hist., 5, 1926, p. 213.

PARATYPE, 92441. Cuba: San Diego de los Baños. Palmer and Riley.

Eleutherodactylus podiciferus (Cope).—see *Lithodytes podiciferus* Cope*Eleutherodactylus poolei* Cochran

Proc. Biol. Soc. Wash., 51, 1938, p. 93.

PARATYPE, 92209. Haiti: Citadel of King Christopher.

Eleutherodactylus sanctae-martae Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 39, May 28, 1917, p. 1, Pl. 1,
 Figs. 3-4.

HOLOTYPE, 48605. Colombia: Santa Marta Mts.; San Lorenzo, 5000 feet.
 A. G. Ruthven, July 16, 1913.

Eleutherodactylus stantoni Schmidt

Zool. Ser. Field Mus. Nat. Hist., 22 (8), Dec. 30, 1941, p. 483.

HOLOTYPE, 80673. British Honduras: Valentin. C. Lundell, July 6, 1936.

PARATYPE, 80672. Data as for Holotype.

Eleutherodactylus talamancae Dunn

Occ. Papers Boston Soc. Nat. Hist., 5, 1931, p. 385.

PARATYPE, 90653. Panama: La Loma. Dunn and Duryea, Aug., 1913.

Eleutherodactylus wetmorei Cochran

Proc. Biol. Soc. Wash., 45, 1932, p. 191.

PARATYPE, 92210. Haiti: Fonds des Negres.

Eleutherodactylus xucanebi Stuart

Proc. Biol. Soc. Wash., 54, Dec. 8, 1941, p. 199.

HOLOTYPE, 89914. Guatemala: Alta Verapaz; Finca Volcán, 1300 meters.

L. C. Stuart, March 25, 1940.

Engystomops ruthveni (Netting)—see *Euphemphix ruthveni* Netting*Euphemphix maculiventris* Lutz=*Physalaemus maculiventris* (Lutz)

Compt. Rend. Soc. Biol., 93 (21), June 12, 1925, p. 138.

COTYPE, 92444. Brazil: São Paulo; Alto de Serra da Cubatão.

Euphemphix ruthveni Netting=*Engystomops ruthveni* (Netting)

Ann. Carnegie Mus., 19 (3), Jan. 21, 1930, p. 167, Pl. 7, Fig. 1.

HOLOTYPE, 45582. Colombia: Fundación. A. G. Ruthven, Aug. 16, 1913.

PARATYPES, 45485; 45583. Colombia: Santa Marta Mts.; between Mamatoco and La Tigrera. A. G. Ruthven, July, 1913. 45487. Colombia: San Lorenzo; Minca. A. G. Ruthven, July 3, 1913. 45580; 48201. Colombia: Fundación. Walker Exped., summer, 1913. 48196. Colombia: Don Diego. M. A. Carriker, Jan. 20, 1914. 48200. Colombia: Santa Marta Mts. A. G. Ruthven, summer, 1913. 54586. Colombia: Santa Marta Mts.; Bolivar. A. G. Ruthven, July 4, 1920. 54587-88. Colombia: Santa Marta Mts.; Valencia. A. G. Ruthven, Aug. 6-8, 1920.

Gastrotheca boliviana griswoldi Shreve

Proc. New England Zool. Club, 18, 1941, p. 82.

PARATYPES, 90169 (3). Peru: Dept. Junín; 45 miles northeast of Tarma, Maraynioc, 12,000 feet. Collector unknown, Oct. 1, 1939.

Gastrotheca nicefori Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 263, June 10, 1933, p. 1.

HOLOTYPE, 73242. Colombia: Pensilvania. N. María.

PARATYPE, 71218. Data as for Holotype.

Gastrotheca williamsoni Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 107, Feb. 25, 1922, p. 1.

HOLOTYPE, 55559. Venezuela: San Esteban. E. and J. Williamson, Feb. 2, 1920.

Geobatrachus walkeri Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 20, Dec. 20, 1915, p. 2.

HOLOTYPE, 47785. Colombia: Santa Marta Mts.; San Lorenzo, 8000 feet.

A. G. Ruthven, July 19, 1913.

PARATYPES, 47786-89; 48267-68. Data as for Holotype, collected by Walker Exped., July-August, 1913. (There are three specimens under No. 47788.)

Glauertia russelli Loveridge

Occ. Papers Boston Soc. Nat. Hist., 8, 1933, p. 89.

PARATYPE, 90652. W. Australia: Tributary of Gascoyne River, near Lander Station. L. Glauert.

Heloeectes feriarum Baird=*Pseudacris nigrita feriarum* (Baird)

Proc. Acad. Nat. Sci. Philadelphia, 7, 1854, p. 60.

COTYPE, 3857. Pennsylvania: Carlisle. S. F. Baird.

Hoplophryne ulugurensis Barbour and Loveridge

Mem. Mus. Comp. Zool., 50, 1928, p. 254.

PARATYPE, 90650. Tanganyika Terr.: Uluguru Mts., Vituri. A. Loveridge, Oct. 28, 1926.

Hyla altae Dunn

Occ. Papers Boston Soc. Nat. Hist., 8, 1933, p. 61.

PARATYPE, 74445. Panama: Canal Zone; Summit. E. R. Dunn.

Hyla bromeliacia Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, Dec. 11, 1933, p. 19.

PARATYPE, 80917. Honduras: mountain camp near San Pedro, 4500 feet. Smith and Walters, March 31, 1923.

Hyla cuspidata Lutz=*Hyla fuscomarginata* Lutz

Trabalho do Inst. Oswaldo Cruz, 1926, March 10, 1926, p. 6.

COTYPE, 64149. Brazil: Rio de Janeiro. A. Lutz.

Hyla evittata Miller

Proc. Biol. Soc. Wash., 13, Sept. 28, 1899, p. 76.

PARATOPOTYPE?, 92464. Virginia: Alexandria Co.; Four Mile Run. E. A. Preble.

N.B. This specimen is almost certainly from the type series.

Hyla helenae Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 69, April 25, 1919, p. 10, Pl. 1.

HOLOTYPE, 52681. British Guiana: Dunoon. A. G. Ruthven, Aug. 14, 1914.

PARATYPE, 52682. Data as for Holotype.

Hyla loquax Gage and Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 281, June 9, 1934, p. 1.

HOLOTYPE, 75446. Guatemala: near La Libertad. L. C. Stuart, June 4, 1933.

PARATYPES, 75442; 75444; 75447-50; 75452. Data as for Holotype, collected in June, 1933. 70403. Guatemala: Uaxactun. J. Van Tyne, April 15, 1931.

Hyla parkeri Gage

Occ. Papers Mus. Zool. Univ. Mich., No. 207, Sept. 28, 1929, p. 1.

HOLOTYPE, 67460. Bolivia: Dept. Santa Cruz; Buenavista. J. Steinbach.

PARATYPES, 67461 (79). Data as for Holotype. 67462 (5). Bolivia: Dept. Santa Cruz; Ixiamas. N. Pearson, Dec., 1921.

Hyla pearsei (Ruthven)—see *Hylella pearsei* Ruthven

Hyla pearsoni Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 207, Sept. 28, 1929, p. 3.

HOLOTYPE, 57548. Bolivia: Upper Beni, below mouth of Río Mapiri. N. E. Pearson, Sept., 1921.

PARATYPES, 67464-65. Data as for Holotype. 57533. Bolivia: Rurrenbaque. N. Pearson, Dec., 1921.

Hyla picadoi Dunn

Copeia, 1937, p. 163.

PARATYPE, 70179. Costa Rica: Barba. E. R. Dunn.

Hyla sanborni Schmidt

Zool. Ser. Field Mus. Nat. Hist., 29 (9), 1944, p. 155.

PARATYPES, 80921. Uruguay: San Carlos. K. P. Schmidt, Oct, 21, 1926. 80922. Uruguay: Dept. Rocha; 15 miles north of San Vicente. K. P. Schmidt, Nov., 1926. 80923. Uruguay: Dept. Treinta y Tres, 8 kilometers east of Trienta y Tres. K. P. Schmidt, Nov., 1926.

Hyla variabilis Boulenger

Ann. Mag. Nat. Hist. (6) 17, 1896, p. 20.

COTYPES, 46464. Colombia: Cali. W. H. Rosenburg. 51269; 58908 (8). Colombia: Cali, Caena Valley (51269 collected by Rosenburg; no collection data for 58908).

Hyla wrightorum Taylor

Univ. Kans. Sci. Bull., 25, 1938 (1939), p. 436, Pl. 1, Fig. 1.

HOLOTYPE, 83074. Arizona: Apache Co.; 11 miles south of Springerville. I. J. Cantrall, Aug. 13, 1935.

PARATYPES, 79141 (2). Data as for Holotype. 75734. Arizona: Huachuca Mts., 1½ miles northwest of Miller Peak. B. Campbell, Aug. 16, 1933. 79142 (3). New Mexico: Catron Co.; 26 miles north of Luna, 8100 feet. I. Cantrall, July 31, 1935. 79143 (2). New Mexico: Catron Co.; David Lee Lake, southwest of Luna. I. Cantrall, Aug. 6, 1935.

Hyla zeteki Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 207, Sept. 28, 1929, p. 4.

HOLOTYPE, 63875. Panama: Chiriqui Prov.; above Boquete, from a bromeliad in the Caldera Valley. H. T. Gaige, Feb. 27, 1923.

PARATYPES, 63876-78; 63879 (3); 63880; 63881 (3). Panama: Chiriqui Prov.; Boquete. H. T. Gaige, Feb.-March, 1923.

Hylella pearsei Ruthven=*Hyla pearsei* (Ruthven)

Misc. Publ. Mus. Zool. Univ. Mich., No. 8, Sept. 15, 1922, p. 57.

HOLOTYPE, 54639. Colombia: Santa Marta Mts.; Fundación. A. Pearse, Aug. 11, 1913.

Hylodes briceni Boulenger=*Eleutherodactylus briceni* (Boulenger)

Ann. Mag. Nat. Hist., (7) 11, 1903, p. 481.

COTYPES, 46461; 51262. Venezuela: Mérida.

Hyloxalus panamanensis Dunn

Occ. Papers Boston Soc. Nat. Hist., 8, 1933, p. 69.

PARATYPE, 90655. Panama: La Valle.

Hymenochirus boulengeri De Witte

Rev. Zool. Bot. Afrique, 19, 1930, p. 167.

PARATYPE, 90648. Belgian Congo: Bas Vele Province; Koteli, near Buta.
G. F. de Witte, Jan., 1925.

Hyperolius milnei Loveridge=*Hyperolius pusillus* (Cope)

Bull. Mus. Comp. Zool., 79, 1935, p. 18.

PARATYPE, 79903 (2). Kenya Colony: Coast Prov., Witu. A. Loveridge,
May 25, 1934.

Hypopachus championi Stuart

Proc. Biol. Soc. Wash., 53, 1940, p. 19.

HOLOTYPE, 85533. Guatemala: Baja Verapaz; 1 kilometer south of San
Gerónimo. L. C. Stuart, July 6, 1938.

PARATYPES, 84079 (44); 84080 (23); 84081 (42); 84082 (34). Data as for
Holotype, collected July 6-8, 1938.

Hypopachus pearsei Ruthven=*Elachistocleis ovale* (Schneider)

Proc. Biol. Soc. Wash., 27, 1914, p. 77.

HOLOTYPE, 45571. Colombia: Fundación. A. S. Pearse, Aug. 13, 1913.

PARATYPES, 45568-70; 45573; 45575. Data as for Holotype, except collected
by A. G. Ruthven, Aug. 11-15, 1913.

N.B. Specimen 45567 is missing, without notation as to its whereabouts.
There is an untagged specimen, a juvenile, in one of the bottles con-
taining types, which may belong with this number.

Hypopachus simus Stuart

Proc. Biol. Soc. Wash., 54, Sept. 30, 1941, p. 125.

HOLOTYPE, 89095. Guatemala: El Quiché; Nebaj, about 1990 meters. L. C.
Stuart, July 11, 1940.

Kaloula wolterstorffi Stejneger=*Kaloula borealis* (Barbour)

Journ. Wash. Acad. Sci., 15 (7), April 4, 1925, p. 151.

HOLOTYPE, 60310. China: Nanking. N. A. Wood, 1924.

Leptodactylus curtus Barbour and Noble

Bull. Mus. Comp. Zool., 58, 1920, p. 405.

PARATYPE, 60264. Peru: Bellavista. G. K. Noble, 1916.

Leptodactylus nanus Müller=*Leptodactylus marmoratus* (Steindachner)

Blatt. für Aquar.- und Terrarienkunde, 33 (11), June 15, 1922, p. 168,
Figs. 4-6.

COTYPE, 58509. Brazil: Santa Catharina, Rio Humboldt.

N.B. Müller states that his specimens were sent him by Karl Fritsche for
identification. Our specimen came from Fritsche, with a note that all
were determined by Müller, therefore ours is undoubtedly from the
type series.

Leptodactylus validus Garman

Bull. Essex Inst., 19, 1887, p. 14.

COTYPES, 55761 (3). British West Indies: St. Vincent; Kingston. S. Garman.

Limnodytes ulcerosus Boettger=*Mantidactylus ulcerosus* (Boettger)

Zool. Anzeiger, 1880, p. 282.

COTYPE, 60296. Madagascar: Nossi-bé. A. Stumpf, 1883.

Lithodytes gaigei Dunn=*Eleutherodactylus gaigei* (Dunn)

Occ. Papers Boston Soc. Nat. Hist., 5, Aug. 18, 1931, p. 387.

PARATYPE, 70169. Panama: Barro Colorado Island; Shannon Trail. F. M. Gaige, March 7, 1926.

Lithodytes podiciferus Cope=*Eleutherodactylus podiciferus* (Cope)

Journ. Acad. Nat. Sci. Philadelphia, 8, 1876, p. 107, Pl. 23, Fig. 9.

COTYPE, 92433. Costa Rica: Pico Blanco. W. M. Gabb.

Mantidactylus ulcerosus (Boettger)—see *Limnodytes ulcerosus* Boettger*Micrixalus diminutiva* Taylor

Philippine Journ. Sci., 21, 1922, p. 267.

PARATYPE, 66695. Philippine Islands: "Jola or Zomboanga." E. H. Taylor, Aug. 11, 1920.

Microhyla eremita Barbour

Occ. Papers Mus. Zool. Univ. Mich., No. 76, March 1, 1920, p. 3.

PARATYPE, 53103. China: near Nanking. C. Reeves, summer, 1918.

Noblella peruvianus (Noble)—see *Sminthillus peruvianus* Noble*Ooeidozyga celebensis* Malcolm Smith

Proc. Zool. Soc. London, 1927, p. 204.

PARATYPES, 90646 (2). S. Celebes: Djikoro, Mt. Bonthain. M. Smith, 1924.

Paludicola pusilla Ruthven=*Pseudopaludicola pusilla* (Ruthven)

Occ. Papers Mus. Zool. Univ. Mich., No. 30, Sept. 20, 1916, p. 1.

HOLOTYPE, 48305. Colombia: Fundación. A. G. Ruthven, Aug. 8, 1913.

PARATYPES, 48306-9. Data as for Holotype, collected Aug. 10-16, 1913.

Philautus hansenae Cochran

Proc. Biol. Soc. Wash., 40, 1927, p. 181.

PARATYPE, 92469. Siam: Nong Khor. H. M. Smith.

Philautus nongkhorensis Cochran

Proc. Biol. Soc. Wash., 40, 1927, p. 179.

PARATYPE, 92470. Siam: Nong Khor. H. M. Smith.

Phyllobates Boulengeri Barbour—see *Prostherapis femoralis* Barbour*Phyllobates flotator* Dunn

Occ. Papers Boston Soc. Nat. Hist., 5, 1931, p. 412.

PARATYPES, 90654 (2). Panama: La Loma. Dunn and Duryea, 1923.

Phyllobates nubicola Dunn

Occ. Papers Mus. Zool. Univ. Mich., No. 151, July 1, 1924, p. 7.

HOLOTYPE, 58292. Panama: Chiriqui Province: rain forest above Boquete on the trail to Chiriqui Grande. F. M. Gaige, May 15, 1923.

PARATYPES, 58286 (9). Panama: Chiriqui Province; Boquete. H. T. Gaige, Feb.–March, 1923. 58289 (7); 58291 (5). Panama: Chiriqui Province; Boquete. H. T. Gaige, Feb.–March, 1923. (Only 8 specimens in this series of 12 are paratypes—the specimens are not individually recognizable, however.) 90552 (7). Data as for Holotype. (Recatalogued from number 58292, which originally had a series of 9 specimens.)

Phyllobates trinitatis Garman

Bull. Essex Inst., 19, 1887, p. 13.

COTYPE, 47218. Trinidad. S. Garman, 1879.

Physalaemus maculiventris (Lutz)—see *Euphemphix maculiventris* Lutz

Pipa parva Ruthven and Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 136, Feb. 10, 1923, p. 1.

HOLOTYPE, 57443. Venezuela: Sábana Mendoza. M. Carriker, May 5, 1922.

PARATYPES, 57444–45; 57447. Data as for Holotype.

Plectrohyla cotzicensis Stuart

Proc. Biol. Soc. Wash., 61, March 4, 1948, p. 17.

HOLOTYPE, 95902. Guatemala: San Marcos; 2 kilometers northwest of Ixchiguan, source of Río Cuilco on slopes of Cerro Cotzic, 3480 meters.

L. C. Stuart, April 23, 1947.

PARATYPES, 95903–7. Data as for Holotype.

Plectrohyla ixil Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 455, Jan. 5, 1942, p. 4.

HOLOTYPE, 89092. Guatemala: El Quiché; Finca San Francisco, 1175 meters. L. C. Stuart, July 31, 1940.

PARATYPES, 89093–94. Data as for Holotype. Collected July 31–Aug. 2, 1940.

Plectrohyla matudai Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 437, June 30, 1941, p. 5.

HOLOTYPE, 88863. Mexico: Chiapas; Dist. Soconusco; Mt. Ovando, 1800 meters. N. Hartweg, Aug. 28, 1937.

PARATYPES, 88864; 87869–70; 87875. Data as for Holotype, collected Aug.–Sept., 1937.

Plectrohyla quecchi Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 455, Jan. 25, 1942, p. 1.

HOLOTYPE, 89086. Guatemala: Alta Verapaz; Finca Los Alpes, 1015 meters. L. C. Stuart, Feb. 10, 1940.

Plectrohyla sagorum Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 437, June 30, 1941, p. 2, Pl. I, Figs. 1–3.

HOLOTYPE, 88862. Mexico: Chiapas: Dist. Soconusco; Mt. Ovando, 1800 meters. N. Hartweg, Aug. 30, 1937.

PARATYPES, 87868; 87871; 87872 (5); 87873 (2); 87874 (5). Data as for Holotype, collected Aug. 24–31, 1937.

Polypedates owstoni Stejneger

Bull. U. S. Nat. Mus., No. 58, July 22, 1907, p. 149.

PARATOPOTYPE, 92486. Japan: Riu Kius; Yaeyama Group, Ishigaki Shima. A. Owston.

Probreviceps macrodactylus loveridgei Parker

Ann. Mag. Nat. Hist. (10) 8, 1931, p. 263.

PARATYPE, 90651. Tanganyika Terr.: Uluguru Mts., Vituri. A. Loveridge.

Prostherapis boulengeri Barbour—see *Prostherapis femoralis* Barbour*Prostherapis femoralis* Barbour=*Phyllobates boulengeri* (Barbour)

Bull. Mus. Comp. Zool., 46, 1905, p. 101.

COTYPE, 48070. Colombia: Gorgona Islands. W. W. Brown.

N.B. Barbour's original name, *femoralis*, is preoccupied by *femoralis* Boulenger and was replaced by *boulengeri* by Barbour. The species is now regarded as belonging to the genus *Phyllobates*.

Pseudacris brimleyi Brandt and Walker

Occ. Papers Mus. Zool. Univ. Mich., No. 272, Oct. 31, 1933, p. 2, Pl. 1.

HOLOTYPE, 74361. North Carolina: Washington. G. Ross and B. Brandt, March 24, 1933.

PARATYPES, 74362. Data as for Holotype, collected by Brandt, no date.

74363 (2). Georgia: Bryan Co.; along Ogeeche River. C. Walker, Feb. 28, 1933. 53300. Virginia: Dismal Swamp. F. Blanchard, July 14, 1918.

Pseudacris nigrita feriarum (Baird)—see *Heloeccetes feriarum* Baird*Pseudis fusca* Garman

Science Observer, 4, 1883, p. 47.

COTYPE?, 55743. Brazil: Minas Geraes; Rio Arassuahy. (A notation in the catalogue says "probably a Cotype.")

Pseudopaludicola bolivianus Parker

Ann. Mag. Nat. Hist. (9) 20, 1927, p. 455.

PARATYPES, 63967 (3). Bolivia: Dept. Santa Cruz; Buenavista. J. Steinbach.

Pseudopaludicola pusilla (Ruthven)—see *Paludicola pusilla* Ruthven*Pseudophryne blanchardi* Loveridge=*Pseudophryne semimarmorata* Lucas

Occ. Papers Boston Soc. Nat. Hist., 8, 1933, p. 91.

PARATYPES, 83365. Australia: Victoria; Milgrove. F. Blanchard, April 1,

1928. 83367 (5). Australia: Victoria; Milgrove. F. Blanchard, April 1,

1928. 83368 (4). Australia: Victoria; Healesville. F. Blanchard, March 23, 1928.

Rana brevipalmata rhoadsi Fowler

Proc. Acad. Nat. Sci. Philadelphia, 1913, p. 166.

COTYPE, 52931. Ecuador: Bucay. F. Rhoads, March, 1911.

Rana moorei Blair

American Mus. Novitates, No. 1353, Aug. 18, 1947, p. 5.

PARATYPES, 95353-54. Mexico: San Luis Potosí: Arroyo Sacahuite at Páctictla, 6 miles north of Tamazunchale. J. Moore and A. Blair, Sept. 9, 1946. 95355. Data as for above, collected by A. Blair and C. Bogert, Sept. 2, 1946.

Rana pretiosa luteiventris Thompson

Proc. Biol. Soc. Wash., 26, March 22, 1913, p. 53.

HOLOTYPE, 43037. Nevada: Carlin; Lower Annie Creek. C. Thompson, July 16, 1922.

PARATYPES, 42991-94; 42996-99; 43003-4; 43006-9; 43011-17; 43019-29; 43031-36. Nevada: Carlin; various localities, as follows: Maggie Canyon; Humboldt River Valley; Lower Annie Creek; Lower Maggie Creek. Thompson and Thompson, July, 1912.

NEPIONOTYPE, 43073. Nevada: Carlin. Thompson and Thompson, July, 1912.

Rana sevosia Goin and Netting

Ann. Carnegie Mus., 28, Dec. 11, 1940, p. 137.

PARATYPES, 71777 (2). Mississippi: Jackson Co.; Vestry. M. Allen, Oct., 1930. 76921 (8). Data as for above, collected Oct. 18, 1930.

Rana yakani Taylor

Philippine Journ. Sci., 21, 1922, p. 262.

PARATYPES, 65407 (3). Philippine Islands: Basilan Island; Abung Abung. Collector unknown, Oct., 1920.

Schoutedenella muta De Witte

Rev. Zool. Bot. Afrique, 24, 1933, p. 101.

PARATYPE, 90649. Belgian Congo: Kando, near Tenke. G. F. de Witte, March 31-April 5, 1931.

Sminthillus peruvianus Noble=*Noblella peruvianus* (Noble)

American Mus. Novitates, No. 29, Dec. 30, 1921, p. 1.

PARATYPE, 56621. Peru: Juliaca. H. Keays.

Syrrophus gaigeae Schmidt and Smith=*Syrrophus marnocki* Cope

Zool. Ser. Field Mus. Nat. Hist., 29 (5), Feb. 23, 1944, p. 80.

PARATYPES, 66080; 66082-83; 66085-89; 66090-91. Texas: Chisos Mts., Juniper Canyon. H. T. Gaige, July, 1928.

Syrrophus juninensis Shreve

Journ. Wash. Acad. Sci., 28 (9), Sept. 15, 1938, p. 406.

PARATYPE, 90659. Peru: Dept. Junin; Cascas, near Huasahuasi. W. Walker, Aug. 31, 1936.

Telmatobius culeus (Garman)—see *Cyclorhamphus culeus* Garman*Telmatobius walkeri* Shreve

Proc. New England Zool. Club, 18, 1941, p. 79.

PARATYPE, 90658. Peru: Dept. Ayacucho; Rapi. W. Walker, May, 1939.

SAURIA

- Agama agama kaimosae* Loveridge=*Agama planiceps caudospinosa* Meek
Bull. Mus. Comp. Zool., 79, 1935, p. 10.
PARATYPE, 78838. Kenya Colony: near Kaimosi. A. Loveridge, 1935.
- Agama agama turuensis* Loveridge=*Agama agama elgonis* Lönnberg
Bull. Mus. Comp. Zool., 72, 1932, p. 376.
PARATYPES, 70226 (6). Tanganyika Terr.: Turu, Unyanganyi. A. Loveridge, Dec. 3, 1929.
- Agama lionotus dodomae* Loveridge
Proc. Zool. Soc. London, Dec., 1923, p. 944.
PARATYPE, 61435. Tanganyika Terr.: Kondoa-Irangi Dist., Mtali's. A. Loveridge, Oct. 11, 1922.
- Agama lionotus mwanzae* Loveridge
Proc. Zool. Soc. London, Dec., 1923, p. 945.
PARATYPES, 60509. Tanganyika Terr.: Mwanza Dist., Mwadira. A. Loveridge, Oct. 19, 1922. 60510. Tanganyika Terr.: Mwanza Dist., Sagayo. A. Loveridge, Nov. 8, 1922.
- Alopoglossus amazonius* Ruthven
Occ. Papers Mus. Zool. Univ. Mich., No. 153, Dec. 30, 1924, p. 1.
HOLOTYPE, 56853. Brazil: Villa Murtinho. J. Williamson, April 6, 1922.
- Ameiva ameiva bilineata* Barbour and Noble
Bull. Mus. Comp. Zool., 49, 1915, p. 464.
HOLOTYPE, 46142. British Guiana: Demerara River, Dunoon. A. G. Ruthven, Aug. 24, 1914.
PARATYPES, 46140-41; 46150. Data as for Holotype. Collected August, 1914.
- Ameiva ameiva praesignis* (Baird and Girard)—see *Cnemidophorus praesignis* Baird and Girard
- Ameiva bifrontata concolor* Ruthven
Occ. Papers Mus. Zool. Univ. Mich., No. 155, Dec. 30, 1924, p. 3.
HOLOTYPE, 59192. Peru: Paipoy, on Río Crismyas, 15 miles from Marañón, 3500 feet. N. Pearson, Sept., 1923.
PARATYPES, 59193-94. Data as for Holotype. 59195. Peru: Marañón; Tringo de Pauca, junction of Río Crismyas and Río Marañón opposite Cajamarca. N. Pearson, Sept., 1923.
- Ameiva birdorum* Grant
Journ. Dept. Agric. Puerto Rico, 16 (2), April, 1932, p. 160.
HOLOTYPE, 73854. Puerto Rico: Diablo Island. C. Grant, Jan. 21, 1932.
PARATYPES, 73855 (8). Data as for Holotype. 73895 (12). Data as for Holotype, collected March 11, 1932.
- Ameiva chaitzami* Stuart
Proc. Biol. Soc. Wash., 55, Oct. 17, 1942, p. 143.
HOLOTYPE, 90638. Guatemala: Alta Verapaz; Lanquin-Cahabón Road. L. C. Stuart, April 15, 1940.

PARATYPES, 90639-42. Data as for Holotype, collected April 15-16, 1940.
90643. Guatemala: Alta Verapaz; Finca Canihor. L. C. Stuart, April 10, 1940.

Ameiva eleanorae Grant—see *Ameiva wetmorei eleanorae* Grant and Roosevelt

Ameiva festiva miadis Barbour and Loveridge
Bull. Mus. Comp. Zool., 69, 1929, p. 141.

PARATYPE, 94053. Corn Islands: Great Corn Island. Collector unknown.

Ameiva undulata gaigeae Smith and Laufe

Univ. Kans. Sci. Bull., 31 (2), May 1, 1946, p. 37.

PARATYPES, 68215; 72934-46; 72951; 72954-55; 80847-60; 80861 (3); 80862 (5); 83289 (3); 83290 (6). Mexico: Yucatán; Chichén Itzá. Various collectors and dates. 72947-50; 72952. Mexico: Yucatán; Piste. Edwin Creaser, June, 1932. 72956-57. Mexico: Campeche; Champoton. E. Creaser, July 12-13, 1932. 72953. Mexico: Yucatán; 2 miles north of Piste. E. Creaser, June, 1932. 78586 (3). Mexico: Quintana Roo; 5 miles inland from Vigía, Ascension Bay. M. Allen, May 29, 1935. 78587 (2). Mexico: Yucatán; Culebra Cayo, Ascension Bay. M. Allen, May 30, 1935.

N.B. These data, taken directly from the Museum catalogue, will serve to correct a large number of errors in the original paper, concerning locality data for paratypes.

Ameiva undulata podarga Smith and Laufe

Univ. Kans. Sci. Bull., 31 (2), May 1, 1946, p. 40.

PARATYPES, 88232 (2). Mexico: Tamaulipas; Río Guayala, near Magiscatzin. A. Carr, Dec. 22, 1939.

Ameiva undulata sinistra Smith and Laufe

Univ. Kans. Sci. Bull., 31 (2), May 1, 1946, p. 40.

PARATYPES, 80109. Mexico: Colima; Queseria. J. Oliver, June 20, 1935. 80110. Mexico: Colima; 6 kilometers southwest of Tucoman. J. Oliver, July 8, 1935. 80111 (3); 80112 (5); 80115 (3); 80120. Mexico: Colima; 8 kilometers southwest of Tucoman. J. Oliver, July-Aug., 1935. 80113 (3). Mexico: Colima; 1 mile west of Pascuales. J. Oliver, July 11, 1935. 80114. Mexico: Colima; ¼ mile east of Pascuales. J. Oliver, July 11, 1935. 80116. Mexico: Colima; near Salvador. J. Oliver, July 19, 1935. 80117 (11); 80118 (2); 80119. Mexico: Colima; Periquillo, Hacienda Paso del Río. J. Oliver, July 24-30, 1935.

Ameiva wetmorei eleanorae Grant and Roosevelt=*Ameiva eleanorae* Grant and Roosevelt

Journ. Dept. Agric. Puerto Rico, 16 (1), Jan., 1932, p. 48.

HOLOTYPE, 73861. Puerto Rico: Cajo de Muertos. C. Grant, July 26, 1931.

PARATYPES, 73857 (5); 73858 (12). Data as for Holotype, collected 1931-32.

N.B. This was considered a subspecies in the original description, but Grant found additional characters which he felt warranted raising the

form to specific rank, and he redescribed it in April, 1932, in the same publication as "*Ameiva eleanorae*, sp. nov." He does not refer to the earlier paper or name. Grant's later name is not a "new species," but is only a status change for the earlier name.

Amphisbaena rondoensis Loveridge

Bull. Mus. Comp. Zool., 87, 1941, p. 394, Fig. 23.

PARATYPES, 86367 (2). Tanganyika Terr.: Rondo Plateau, Nchingidi. A. Loveridge, May 9-19, 1939.

Amphisbaena stejneri Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 122, July 10, 1922, p. 1.

HOLOTYPE, 55858. British Guiana: Demerara River, Vreeden Rust. E. Clarke, Jan. 1, 1921.

Anadia pulchella Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 177, Oct. 14, 1926, p. 1.

HOLOTYPE, 63333. Colombia: Santa Marta Mts.; La Cumbre, Hacienda Vista Nieve, 7000 feet. M. Carriker, Oct., 1925.

Anolis albipalpebralis Barbour=*Anolis moorei* Cope

Proc. Biol. Soc. Wash., 29, 1916, p. 215.

PARATYPES, 60224 (3). Bahamas: Grand Turk Island. L. Mowbray, summer, 1916.

Anolis allisoni Barbour

Proc. New England Zool. Club, 10, 1928, p. 58.

PARATYPES, 66825 (2); 67694 (3). Honduras: Bay Islands; Ruatan Island. T. Barbour, March, 1928.

Anolis asper Garman

Bull. Essex Inst., 19, 1887, p. 31.

COTYPES, 60229 (3). French West Indies: Marie Galante Island. W. Richardson, March, 1886.

Anolis bocourti Cope

Journ. Acad. Nat. Sci. Philadelphia, 8, 1876, p. 167.

COTYPE, 60218. Peru.

Anolis bonairensis Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 143, July 9, 1923, p. 4.

HOLOTYPE, 57221. Dutch Leeward Islands: Bonaire; Seroe Grandi, 4½ kilometers northeast of Kralendijk. H. Baker, Aug. 22, 1922.

PARATYPES, 57212-13. Dutch Leeward Islands: Bonaire; Punta Blanco. 57215-16; 57218. Dutch Leeward Islands: Bonaire; Santa Barbara beyond El Hato. 57220; 57309-11; 57313-15. Dutch Leeward Islands: Bonaire; Seroe Wassau. 57222. Dutch Leeward Islands: Bonaire; Seroe Grandi. 57223-24. Dutch Leeward Islands: Klein Bonaire. 57308. Dutch Leeward Islands: Bonaire; Santa Barbara beyond El Hato.

N.B. All paratypes were collected by H. Baker, August, 1922.

Anolis cinereus Garman=*Anolis gentilis* Garman

Bull. Essex Inst., 19, 1887, p. 35.

COTYPES, 60226 (2). British West Indies: Grenada, St. George.

Anolis cobanensis Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 464, Oct. 8, 1942, p. 6.

HOLOTYPE, 90232. Guatemala: Alta Verapaz; Finca Samac. L. C. Stuart, April 19, 1938.

PARATYPES, 90233; 90234 (2); 90235 (3); 90236-38. Guatemala: Alta Verapaz; Finca Chichén. L. C. Stuart, May, 1940.

Anolis conspersus Garman=*Anolis conspersus conspersus* Garman

Proc. Amer. Philos. Soc., 1887, p. 273.

COTYPES, 63089 (2). British West Indies: Grand Cayman. W. Richardson, Aug., 1886.

Anolis conspersus conspersus Garman—see *Anolis conspersus* Garman*Anolis conspersus lewisi* Grant

Herpetology of the Cayman Islands, 1940, p. 23.

PARATYPES, 85887 (3). West Indies: Grand Cayman Island.

N.B. These specimens are part of the series of 11 mentioned in the description as being in the author's collection. Although not designated as paratypes in the description, they were used in the preparation of it and as such may be considered paratypes.

Anolis cortezi Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 464, Oct. 8, 1942, p. 8.

HOLOTYPE, 90542. Guatemala: Alta Verapaz; between the hacienda and Barranca las Palmas on Finca los Alpes. L. C. Stuart, Feb. 10, 1940.

Anolis crassulus haguei Stuart—see *Anolis haguei* Stuart*Anolis cristatellus cooki* Grant

Journ. Dept. Agric. Puerto Rico, 15, 1931, p. 220.

HOLOTYPE, 73645. Greater Antilles: southwestern Puerto Rico; Brea Point. C. Grant, Dec. 28, 1930.

PARATYPES, 73646 (2). Data as for Holotype.

Anolis cristatellus wileyi Grant

Journ. Dept. Agric. Puerto Rico, 15, 1931, p. 220.

PARATYPES, 73648 (13). Greater Antilles: Culebra Island. C. Grant, April 15, 1931.

N.B. No. 1885, listed as the type by Grant, is in this series, but the numbers have been removed and therefore are not assignable to individuals now.

Anolis cybotes doris Barbour—see *Anolis doris* Barbour*Anolis distichus caudalis* Cochran—see *Anolis dominicensis caudalis* Cochran*Anolis dominicensis caudalis* Cochran=*Anolis distichus caudalis* Cochran

Proc. Biol. Soc. Wash., 45, Oct. 25, 1932, p. 185.

PARATYPE, 92192. Haiti: Gonave Island; Anse à Galets. L. H. Parish and W. Perrygo, March 23, 1930.

Anolis doris Barbour=*Anolis cybotes doris* Barbour

Proc. Biol. Soc. Wash., 38, 1925, p. 101.

PARATYPE, 62508. Haiti: La Gonave Island. G. Allen, Aug., 1919.

Anolis extremus Garman=*Anolis roquet* (Lacepede)

Bull. Essex Inst., 19, 1887, p. 35.

COTYPE, 60203. British West Indies: Barbados. L. Agassiz.

Anolis forresti Barbour

Occ. Papers Mus. Zool. Univ. Mich., No. 132, 1923, p. 4.

PARATYPE, 60236. British West Indies: Barbuda. W. Forrest.

N.B. Although Barbour names only a holotype in his paper, this specimen was received from him and has the same data as the holotype. It was marked "paratype" in our catalogue, and was probably sent as such by Barbour, indicating that he had used it along with the type in the preparation of the original description.

Anolis gaigei Ruthven=*Anolis tropidogaster* Hallowell

Occ. Papers Mus. Zool. Univ. Mich., No. 32, Dec. 6, 1916, p. 6.

HOLOTYPE, 48304. Colombia: Santa Marta Mts.; San Lorenzo, 3700 feet.

F. M. Gaige, July 14, 1913.

PARATYPES, 48324. Colombia: Santa Marta Mts.; La Tigrera. A. Pearse, Aug. 1, 1913. 48325-26. Colombia: Santa Marta Mts.; Minca. A. Ruthven and M. Carriker, July 14, 1913. 48327-28. Colombia: Santa Marta Mts.; Fundación. A. G. Ruthven, Aug. 8, 1913. 48329-33. Colombia: Santa Marta Mts.; Agua Dulce. A. G. Ruthven and M. Carriker, July, 1913.

Anolis gentilis Garman

Bull. Essex Inst., 19, 1887, p. 34.

COTYPES, 60237 (2). British West Indies: Petit Martinique.

Anolis gorgonae Barbour

Bull. Mus. Comp. Zool., 46, 1905, p. 99.

COTYPE, 61756. Colombia: Gorgona Island. Thayer Exped., 1904.

Anolis granuliceps Boulenger

Proc. Zool. Soc. London, 1898, p. 111, Pl. 11, Fig. 2.

SYNTYPE, 59002. Ecuador: Paramba. W. Rosenberg.

Anolis griseus Garman

Bull. Essex Inst., 19, 1887, p. 36.

COTYPES, 60222 (2). British West Indies: Saint Vincent. Blake Exped., Feb. 18, 1879.

Anolis haguei Stuart=*Anolis crassulus haguei* Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 464, Oct. 8, 1942, p. 3.

HOLOTYPE, 90226. Guatemala: Alta Verapaz; 2 kilometers south of Finca Chichén, 1750 meters. L. C. Stuart, May 21, 1940.

PARATYPES, 90227 (6); 90228 (5); 90229 (4); 90230 (3); 90231 (4). Data as for Holotype, collected May, 1940.

Anolis incompertus incompertus Barbour

Proc. New England Zool. Club, 12, 1932, p. 99.

PARATYPE, 90662. Colombia: San Martín, Villavicencio. N. María, 1931.

Anolis kiddlei Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 257, Feb. 11, 1933, p. 1.

HOLOTYPE, 72851. Mexico: Yucatán; Quinta at Mérida. E. Creaser, July 24, 1932.

Anolis lineatopus coxi Grant

"Jamaica Today," 1940, p. 155.

PARATYPES, 85891 (4); 85892 (3); 85893. Jamaica: Portland Point. C. Grant, 1937-38.

N.B. All of the subspecies described in the paper have only holotypes named, no paratypes. All paratypes which I have listed for forms described herein are from the collections made by the author and have original numbers in the same series as the types. Most were collected at the same time at the holotype, some at the type locality, others at localities listed for the new form. They are all undoubtedly from the author's type series and may be considered paratypes in that they were used in the preparation of the type description.

Anolis lineatopus neckeri Grant

"Jamaica Today," 1940, p. 155.

PARATYPES, 85889 (2). Jamaica: Mandeville. C. Grant, April 13-15, 1937. 85890. Jamaica: Boston Bay, between Port Antonio and Manchimal. C. Grant, April 13-15, 1937.

N.B. See note under *Anolis lineatopus coxi* Grant

Anolis lividus Garman

Bull. Essex Inst., 19, 1887, p. 43.

COTYPES, 60233 (4). British West Indies: Montserrat. S. Garman. 60240 (2). British West Indies: Montserrat, Plymouth. Blake Exped.

Anolis loveridgei Schmidt

Proc. Biol. Soc. Wash., 49, 1936, p. 47.

PARATYPE, 90665. Honduras: Dept. Yoro. R. Stadelman, March 9, 1933.

Anolis mariarum Barbour

Proc. New England Zool. Club, 12, 1932, p. 100.

PARATYPE, 90664. Colombia: Dept. Antioquia; San Pedro. N. María, March, 1929.

Anolis mayeri Fowler=*Anolis moorei* Cope

Carnegie Inst. Wash. Publ., No. 252, 1918, p. 8, Fig. 4 (A-F).

PARATYPE, 60232. Virgin Islands. Princeton Exped.

Anolis nelsoni Barbour

Mem. Mus. Comp. Zool., 44, 1914, p. 287.

PARATYPES, 60225 (10). West Indies: Swan Island off Honduras.

Anolis patricus Barbour=*(?) Anolis homolechis* (Cope)

Proc. New England Zool. Club, 11, 1929, p. 37.

PARATYPES, 71409 (2). Cuba: Sagua de Tanamo; Mina Piloto. C. Ramsden.

Anolis ruthveni Stuart=*Anolis humilis uniformis* (Cope)

Occ. Papers Mus. Zool. Univ. Mich., No. 310, March 26, 1935, p. 1.

HOLOTYPE, 76622. Guatemala: Santa Terrezá. L. C. Stuart, April 13, 1933.

PARATYPES, 75095 (4); 75096-97. Guatemala: Vicinity of Santa Terreza.

75098. Guatemala: 6 miles north of La Libertad. 75099. Guatemala: 12 miles east of Ramata. 75100. Guatemala: west end of Lake Yaxha.

75101. Guatemala: 18 miles east of Yaxha.

N.B. All paratypes were collected by L. C. Stuart, April-June, 1933.

Anolis sabanus Garman

Bull. Essex Inst., 19, 1887, p. 39.

COTYPE, 60244. Lesser Antilles: Saba I. F. Lagois.

Anolis solitarius Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 32, Dec. 6, 1916, p. 2.

HOLOTYPE, 48303. Colombia: Santa Marta Mts., 5000 feet. F. M. Gaige, July 9, 1913.

PARATYPES, 48319-20. Colombia: Santa Marta Mts., San Lorenzo. Pearse and Ruthven, July, 1913.

Anolis speciosus Garman

Bull. Essex Inst., 19, 1887, p. 42.

COTYPE, 60208. French West Indies: Marie Galante Island.

Anolis trossulus Garman=*Anolis richardii* Dumeril and Bibron

Bull. Essex Inst., 19, 1887, p. 14.

COTYPE, 60228. British West Indies: Grenada; St. George.

Anolis ustus verae-pacis Barbour

Proc. New England Zool. Club, 12, Feb. 8, 1932, p. 98.

PARATYPE, 90663. Guatemala: Chimoxán, 1500 feet. A. Anthony, Sept.-Oct., 1928.

Anolis vincenti Garman

Bull. Essex Inst., 19, 1887, p. 46.

COTYPES, 60235 (2). British West Indies: St. Vincent; Kingston. W. B. Richardson, May, 1886.

N.B. The status of these specimens is doubtful.

Anolis virgatus Garman=*Anolis gingivinus* Cope

Bull. Essex Inst., 19, 1887, p. 41.

COTYPES, 60243 (2). French West Indies: St. Barts. F. Lagois.

Aristelliger cochranae Grant

Journ. Dept. Agric. Puerto Rico, 4 (4), 1931, p. 399.

HOLOTYPE, 73760. Greater Antilles: Navassa Island. G. Grant, May 30, 1931.

PARATYPES, 73761 (3). Data as for Holotype, collected May-June, 1931.

Bachia parkeri Ruthven

Proc. Boston Soc. Nat. Hist., 38 (3), Dec., 1925, p. 103.

HOLOTYPE, 60813. British Guiana: Chenapowu River, Potaro River.

Bachia talpa Ruthven

Proc. Boston Soc. Nat. Hist., 38 (3), Dec., 1935, p. 101.

HOLOTYPE, 54771. Colombia, Santa Marta Mts.; Valle Dupar. A. G. Ruthven, Aug. 4, 1920.

PARATYPES, 54769. Data as for Holotype. 54772-73. Colombia: Santa Marta Mts.; Valencia. 54768. Colombia: Fonseca, Río Ranchería.

N.B. All paratypes collected by A. G. Ruthven, Aug., 1920.

Basiliscus barbouri Ruthven

Proc. Biol. Soc. Wash., 27, 1914, p. 9.

HOLOTYPE, 45411. Colombia: Santa Marta Mts.; Minca. A. G. Ruthven, July 14, 1913.

PARATYPES, 45420; 45429; 45436-39; 45443. Data as for Holotype. 45412-13; 45415; 45417-19; 45421-22; 45424-26; 45431-35; 45440; 45442. Colombia: Santa Marta Mts.; between Mamatoco and La Tigrera. 45414; 45416; 45423; 45427-28; 45430; 45445; 48247. Colombia: Santa Marta Mts.; Fundación. 48444. Colombia: Santa Marta Mts.; Santa Marta. 45464. Colombia: Santa Marta Mts.; Manzanares River.

N.B. All paratypes were collected by Ruthven *et al.*, 1913.

Calliscolopus agilis Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 22, Feb. 10, 1916, p. 2.

HOLOTYPE, 47798. British Guiana: Dunoon, Demerara River. A. G. Ruthven, Aug. 24, 1914.

PARATYPE, 47799. British Guiana: Dunoon, Demerara River. A. G. Ruthven, Aug. 19, 1914.

Celestus cruscus cundalli Grant

"Jamaica Today," 1940, p. 157.

PARATYPES, 85919 (3). Jamaica: Ewarton, 20 miles northwest of Kingston. 85920 (3). Jamaica: Bog Walk. 85921 (6). Jamaica: Mandeville.

N.B. All collected by C. Grant, April-May, 1937. See note under *Anolis lineatopus coxi* Grant.

Celestus cruscus molesworthi Grant

"Jamaica Today," 1940, p. 157.

PARATYPES, 85851 (2); 85852 (5). Jamaica: Boston Bay, between Port Antonio and Manchimal. C. Grant, April 24, 1939. 85853 (2). Jamaica: Kingston. C. Grant, May 2, 1937.

N.B. See note under *Anolis lineatopus coxi* Grant.

Chameleo bitaeniatus altaelgonis Loveridge

Bull. Mus. Comp. Zool., 79, 1935, p. 15.

PARATYPE, 79487. British East Africa: Kenya; Kaburomi, Mt. Elgon. A. Loveridge, Dec. 22, 1933.

Chameleo dilepis idjwiensis Loveridge

Bull. Mus. Comp. Zool., 41 (4), Dec., 1942, p. 363.

PARATYPE, 90307. Belgian Congo: Upper Mulinga; Idjwi Island, Lake Kivu. A. Loveridge, Feb. 24-28, 1939.

Cnemidophorus lemniscatus gagei Ruthven = *Cnemidophorus lemniscatus lemniscatus* Daudin

Occ. Papers Mus. Zool. Univ. Mich., No. 16, Dec. 15, 1915, p. 1.

HOLOTYPE, 45352. Colombia: Santa Marta Mts.; Fundación. F. M. Gage, Aug. 11, 1913.

PARATYPES, 45324-45; 45347; 45349-51; 45353-54; 45356-70. Colombia: Santa Marta Mts., various localities. Ruthven *et al.*, 1913.

Cnemidophorus murinus ruthveni Burt

Occ. Papers Mus. Zool. Univ. Mich., No. 324, Oct. 31, 1935, p. 1.

HOLOTYPE, 57270. Dutch Leeward Islands: Bonaire; Seroe Grandi. H. B. Baker, Aug. 23, 1922.

PARATYPES, 57269; 57272-74; 57280. Data as for Holotype, collected in August, 1922. 57264-66. Dutch Leeward Islands: Bonaire. 57267-68. Dutch Leeward Islands: Bonaire; Seroe Wassau beyond El Gato. 57275-79. Dutch Leeward Islands: Klein-Bonaire. 57281. Dutch Leeward Islands: Bonaire; Santa Barbara beyond El Gato de Bonaire.

Cnemidophorus praesignis Baird and Girard = *Ameiva ameiva praesignis* (Baird and Girard)

Proc. Acad. Nat. Sci. Philadelphia, 1852, p. 129.

COTYPE, 3823. Panama: Chagres.

Cnemidophorus sackii innotatus Burger

Nat. Hist. Misc., No. 65, July 28, 1950, p. 4.

HOLOTYPE, 73323C. Utah: Kane Co.; 6 miles northwest of Kanab, 2 miles up Cave Lakes Canyon. L. C. Stuart, July 31, 1942.

Coleonyx variegatus sonoriensis Klauber

Trans. San Diego Soc. Nat. Hist., 10 (11), March 9, 1945, p. 162.

HOLOTYPE, 72140. Mexico: Sonora; 5 miles southeast of Hermosillo. M. Allen, June 25-29, 1932.

PARATYPES, 72141; 72143-51. Data as for Holotype. 72152 (5). Mexico: Sonora; 15 miles southeast of Hermosillo. M. Allen, June, 1932.

Coleonyx variegatus utahensis Klauber

Trans. San Diego Soc. Nat. Hist., 10 (11), March 9, 1945, p. 171.

PARATYPES, 94059-61. Utah: Washington Co.; near Watercress Spring. Ross Hardy. 94062. Utah: Washington Co.; near St. George. Ross Hardy, April, 1943.

Dicrodon barbouri Noble = *Dicrodon lentiginosus barbouri* Noble

Occ. Papers Boston Soc. Nat. Hist., 5, 1924, p. 108.

PARATYPES, 59033 (4); 60307. Peru: Piura; Sullana. G. K. Noble, July, 1916.

Dicrodon lentiginosus barbouri Noble—see *Dicrodon barbouri* Noble

Dipsosaurus dorsalis sonoriensis Allen

Occ. Papers Mus. Zool. Univ. Mich., No. 259, April 3, 1933, p. 4.

HOLOTYPE, 72121. Mexico: Sonora; 15 miles southeast of Hermosillo. M. Allen, June 23-24, 1932.

- PARATYPES, 72122. Mexico: Sonora; Puerto. M. Allen, June 20, 1932.
72123-24. Data as for Holotype. 72125; 72126 (5); 72127 (7); 72128 (6).
5 miles southeast of Hermosillo. M. Allen, June-July, 1932.
- Egernia carinata* H. M. Smith
Zool. Ser. Field Mus. Nat. Hist., 24, 1939, p. 11.
PARATYPE, 84311. W. Australia: Lake Toolbunup. J. Baldwin, Oct. 30,
1930.
- Eremias nitida garambensis* Schmidt
Bull. Amer. Mus. Nat. Hist., 39, 1919, p. 511.
PARATYPE, 60395. Belgian Congo: Garamba.
N.B. This specimen is a topotype and is probably from the type series.
It was received from the Museum of Comparative Zoology.
- Eumeces dicei* Ruthven and Gaige
Occ. Papers Mus. Zool. Univ. Mich., No. 260, April 3, 1933, p. 1.
HOLOTYPE, 69253. Mexico: Tamaulipas; Marmolejo. L. Dice, Aug. 1-10,
1930.
- Eumeces gaigei* Taylor
Univ. Kans. Sci. Bull., 22 (11), April 15, 1935, p. 219.
PARATYPE, 70517. Texas: Guadalupe Mts.; Frijole. W. Mosauer, Aug., 1930.
- Eumeces taylori* H. M. Smith
Proc. New England Zool. Club, 21, Nov. 14, 1942, p. 94.
HOLOTYPE, 70516. Texas: Guadalupe Mts.; Frijole. W. Mosauer, Aug.,
1930.
PARATYPE, 70103. New Mexico: Guadalupe Mts.; Dark Canyon. W. Mo-
sauer, 1930.
- Euphyryne obesus* Baird=*Sauromalus obesus* (Baird)
Proc. Acad. Nat. Sci. Philadelphia, 1858, p. 253.
PARATYPE, 3804. California: Lower Colorado River. Lt. Ives.
N.B. Baird named a type in the original description and referred to Lt.
Ives's specimens from this locality in the discussion. On this basis,
the above specimen is considered to be a paratype.
- Euspondylus marianus* (Ruthven)—see *Prionodactylus marianus* Ruthven
- Gaigea gaigeae* (Mosauer)—see *Lepidophyma gaigeae* Mosauer
- Gerrhonotus liocephalus austrinus* Hartweg and Tihen
Occ. Papers Mus. Zool. Univ. Mich., No. 497, Oct. 19, 1946, p. 6.
HOLOTYPE, 94921. Mexico: Chiapas; Porvenir, Cerro Malé, 3200 meters.
E. Matuda, June 10, 1941.
- Gerrhonotus matudai* Hartweg and Tihen=*Abronia matudai* (Hartweg and
Tihen)
Occ. Papers Mus. Zool. Univ. Mich., No. 497, Oct. 19, 1946, p. 3.
HOLOTYPE, 88331. Mexico: Chiapas; Volcán de Tacaná, 2000 meters. E.
Matuda.

Gerrhonotus moreleti temporalis Hartweg and Tihen=*Barisia moreleti temporalis* (Hartweg and Tihen)

Occ. Papers Mus. Zool. Univ. Mich., No. 497, Oct. 19, 1946, p. 10.

HOLOTYPE, 94910. Mexico: Chiapas; 11 kilometers southeast of Ciudad de las Casas. N. Hartweg, April 11, 1941.

PARATYPES, 94909; 94912-15; 94922. Mexico: Chiapas; environs of Ciudad de las Casas. N. Hartweg, April, 1941.

Gerrhonotus moreleti rafaelli Hartweg and Tihen=*Barisia moreleti rafaelli* (Hartweg and Tihen)

Occ. Papers Mus. Zool. Univ. Mich., No. 497, Oct. 19, 1946, p. 8.

HOLOTYPE, 88228. Mexico: Chiapas; 16 kilometers south of Ciltepec. E. Matuda, Aug. 9, 1937.

PARATYPES, 88226. Mexico: Chiapas; Mt. Paschtal. E. Matuda, Aug. 5, 1937. 88384. Mexico: Chiapas; Chiquihuite, Volcán de Tacaná. 94920. Mexico: Chiapas; Mt. Malé. E. Matuda, June 10, 1941.

Gonatodes atricucullaris Noble

Ann. N. Y. Acad. Sci., 29, 1921, p. 135.

PARATYPES, 59032 (4). Peru: Bellavista. G. K. Noble, July, 1916.

Gonatodes glaucus M. A. Smith=*Cnemaspis boulengeri* Strauch

Journ. Nat. Hist. Soc. Siam, 4, 1920 (1921), p. 95.

COTYPES, 78696 (21). French Indo-China: Pulo Condore Island.

Gymnodactylus intermedius M. A. Smith.

Journ. Nat. Hist. Soc. Siam, 2, 1917, p. 221.

COTYPE, 78687. Siam: Chatabun, Khao Sebab.

Gymnodactylus condorensis M. A. Smith

Journ. Nat. Hist. Soc. Siam, 4, 1921, p. 94.

PARATYPES, 78686 (2). French Indo-China: Pulo Condore Island.

Gymnophthalmus birdi Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 409, June 30, 1939, p. 1.

HOLOTYPE, 84057. Guatemala: Baja Verapaz; 2 kilometers south of San Gerónimo. L. C. Stuart, July 7, 1938.

PARATYPES, 84058-60. Data as for Holotype.

Holbrookia maculata ruthveni H. M. Smith

Zool. Ser. Field Mus. Nat. Hist., 24 (30), Oct. 20, 1943, p. 342.

PARATYPE, 64690. New Mexico: Alamogordo. S. Whitlock, July 10, 1927.

Kentropyx williamsoni Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 206, Sept. 28, 1929, p. 1.

HOLOTYPE, 56850. Brazil: Manaus. J. B. Williamson, June 23, 1922.

PARATYPE, 56823. Data as for Holotype.

Lacerta erhardi ruthveni Werner

Occ. Papers Mus. Zool. Univ. Mich., No. 211, 1930, p. 13.

HOLOTYPE, 65516. Cyclades: Panagia; Kyra. F. Werner, May 10, 1927.

PARATYPES, 65517-18. Northern Sporades Islands: Skopelos. F. Werner, May 8-10, 1927.

N.B. The number of the type, as well as those of the paratypes, has not

been previously listed. They were not referred to by number in the original paper.

Lacerta taurica gaigei Werner

Occ. Papers Mus. Zool. Univ. Mich., No. 211, April 22, 1930, p. 9.

HOLOTYPE, 65544. Northern Sporades Islands: Skyros. F. Werner, May 5, 1927.

PARATYPES, 65541-43; 65545-47. Data as for Holotype, collected April-May, 1927.

Lathrogecko sanctae-martae Ruthven=*Lepidoblepharis sanctae-martae sanctae-martae* (Ruthven)

Occ. Papers Mus. Zool. Univ. Mich., No. 21, Feb. 20, 1916, p. 2.

HOLOTYPE, 47790. Colombia: Fundación. A. Pearse, Aug. 14, 1913.

PARATYPES, 47791-92. Data as for the Holotype.

Leiocephalus carinatus helenae Barbour and Shreve

Proc. Boston Soc. Nat. Hist., 40, 1935, p. 359.

PARATYPES, 94052 (2). Bahamas: South Key, Mira Por Vos.

Leiocephalus greenwayi Barbour and Shreve

Proc. Boston Soc. Nat. Hist., 40, 1935, p. 358.

PARATYPE, 94051. Bahamas: East Plane Key. E. Williams, Dec., 1916.

Leiocephalus personatus aurens Cochran

Occ. Papers Boston Soc. Nat. Hist., 8, 1934, p. 175.

PARATYPE, 92183. Dominican Republic: Jacmel.

Leiocephalus personatus mentalis Cochran

Proc. Biol. Soc. Wash., 45, Oct. 25, 1932, p. 178.

PARATOPOTYPES, 92187 (2). Dominican Republic: Jovero. W. L. Abbott, 1923.

Leiocephalus personatus scalaris Cochran

Proc. Biol. Soc. Wash., 45, 1932, p. 181.

PARATYPES, 92184 (2). Haiti: Cap-Haitien. A. Poole, March 3-6, 1938.

Leiolepis belliana annamensis M. A. Smith=*Leiolepis belliana guttata* Cuvier

Proc. Zool. Soc. London, June, 1921, p. 429.

PARATYPES, 78752 (5). French Indo-China: S. Annam; Tour Cham.

Leiolopisma assatum ixbaac (Stuart)—see *Lygosoma assatum ixbaac* Stuart

Leiolopisma assatum taylori Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 360, Nov. 20, 1937, p. 12.

HOLOTYPE, 80107. Mexico: Colima; Santiago, Hacienda Santiago. J. Oliver, Aug. 6, 1935.

PARATYPE, 80106. Mexico: Colima; Paso del Río, Perquillo Hacienda. J. Oliver, July 27, 1935.

Leiolopisma cherriei stuarti Smith—see *Lygosoma cherriei stuarti* Smith

Lepidoblepharis barbouri Noble=*Pseudogonatodes barbouri* (Noble)

Ann. N. Y. Acad. Sci., 29, 1921, p. 133.

PARATYPES, 55746 (3). Peru: Bellavista. G. K. Noble.

Lepidoblepharis sanctae-martae sanctae-martae (Ruthven)—see *Lathrogecko sanctae-martae* Ruthven

Lepidoblepharis sanctae-martae fugax Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 191, March 31, 1928, p. 2.

HOLOTYPE, 62637. Panama: Barro Colorado Island, Gatun Lake. J. Van Tyne, Aug. 6, 1925.

Lepidophyma gaigeae Mosauer=*Gaigea gaigeae* (Mosauer)

Herpetologica, 1, 1936, p. 3.

PARATYPES, 80951 (2). Mexico: Hidalgo; Durango near Jacala. W. Mosauer, summer, 1935.

Leposoma southi Ruthven and Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 147, April 26, 1924, p. 1.

HOLOTYPE, 58065. Panama: Chiriqui Province; Rabo de Puerco. H. T. Gaige, April 19, 1923.

PARATYPES, 58053-54; 58065B; 58484-88. Panama: Chiriqui Province; Progreso. H. T. Gaige, April, 1923.

Leposoma taeniata Noble=*Leposoma percarinatum* (Müller)

Zoologica, 3, 1923, p. 303.

PARATYPE, 58420. British Guiana: Kartabo. W. Beebe, 1921.

Lygodactylus picturatus mombasicus Loveridge

Proc. Biol. Soc. Wash., 48, Nov. 15, 1935, p. 198.

PARATYPES, 77866 (6). Kenya Colony: Mombasa Island, Kilindini. A. Loveridge, July 7, 1934. 77868 (6). Kenya Colony: Tana River, Ngatana. A. Loveridge, June 6, 1934.

Lygosoma assatum ixbaac Stuart=*Leiolopisma assatum ixbaac* (Stuart)

Occ. Papers Mus. Zool. Univ. Mich., No. 421, Nov. 8, 1940, p. 8.

HOLOTYPE, 80820. Mexico: Yucatán; Chichén Itzá. M. Trautman, March 26, 1936.

PARATYPES, 70413-14. Guatemala: Uaxactun. J. Van Tyne, April-May, 1931.

Lygosoma cherriei stuarti H. M. Smith=*Leiolopisma cherriei stuarti* (H. M. Smith)

Proc. Biol. Soc. Wash., 54, Dec. 8, 1941, p. 181.

PARATYPE, 85429. Mexico: Veracruz: Potrero. G. García, March 1, 1939.

Lygosoma vittigerum kronfanum M. A. Smith=*Leiolopisma vittigerum microcerum* (Boettger)

Journ. Nat. Hist. Soc. Siam, 4 (4), July 25, 1922, p. 208.

PARATYPES, 78761 (3). French Indo-China: Annam; Langbian Plateau, Daban.

Mabuya frenata cochabambae Dunn

Proc. Acad. Nat. Sci. Philadelphia, 87, 1935, p. 553.

HOLOTYPE, 68094A. Bolivia: Dept. Cochabamba; Pocona.

PARATYPES, 68094B; 68094D. Data as for Holotype. 68098. Bolivia: Dept. Santa Cruz.

- Melanoceps ater rondoensis* Loveridge=*Scelotes ater rondoensis* (Loveridge)
 Bull. Mus. Comp. Zool., 92, 1942, p. 360.
 PARATYPES, 90274 (3). Tanganyika Terr.: Nchingidi, Rondo Plateau, near Lindi. A. Loveridge, May 11, 1929.
- Phyllodactylus essexi* Hewitt
 Rec. Albany Mus., 3 (4), 1925, p. 343.
 COTYPE, 61515. Union of South Africa: Cape of Good Hope; 12 miles from Grahamstown, Hounslow Farm. J. Hewitt, Sept. 10, 1924.
- Phyllodactylus lanei* H. M. Smith
 Univ. Kans. Sci. Bull., 22, 1935, p. 121.
 PARATYPE, 83075. Mexico: Guerrero; near Tierra Colorada. E. H. Taylor and H. M. Smith, June 30, 1932.
- Phyllodactylus magister* Noble
 Occ. Papers Boston Soc. Nat. Hist., 5, July 2, 1924, p. 110.
 PARATYPES, 59029 (4). Peru: Bellavista. G. K. Noble, Sept., 1916.
- Prionodactylus marianus* Ruthven=*Euspondylus marianus* (Ruthven)
 Occ. Papers Mus. Zool. Univ. Mich., No. 103, June 21, 1921, p. 1.
 HOLOTYPE, 56037. Colombia: Antioquia; San Pedro. N. María.
 PARATYPES, 56031 (9). Data as for Holotype.
- Pseudogonatodes barbouri* (Noble)—see *Lepidoblepharis barbouri* Noble
- Pseudogonatodes furvus* Ruthven
 Occ. Papers Mus. Zool. Univ. Mich., No. 19, Dec. 15, 1915, p. 2.
 HOLOTYPE, 47782. Colombia: Santa Marta Mts.; San Lorenzo, 5000 feet. F. M. Gaige, July 20, 1913.
 PARATYPE, 47783. Data as for Holotype, collected by A. G. Ruthven, July 12, 1913. (Taken from stomach of a snake, much mutilated.)
- Sauromalus obesus* (Baird)—see *Euphryne obesus* Baird
- Sceloporus aeneus bicanthalis* H. M. Smith
 Occ. Papers Mus. Zool. Univ. Mich., No. 361, Dec. 15, 1937, p. 6.
 PARATYPES, 66822. Mexico: Hidalgo; San Miguel. 71452 (2). Mexico: Hidalgo; Velasco.
 N.B. The number of paratype 66822 was given as 66882 in the original paper.
- Sceloporus cautus* H. M. Smith
 Occ. Papers Mus. Zool. Univ. Mich., No. 387, Oct. 31, 1938, p. 2.
 PARATYPE, 77274. Mexico: San Luis Potosí; Charcas. C. Lundell, July 28, 1934.
- Sceloporus goldmani* H. M. Smith
 Occ. Papers Mus. Zool. Univ. Mich., No. 361, Dec. 15, 1937, p. 5.
 HOLOTYPE, 80896. Mexico: San Luis Potosí; Charcas. C. Lundell, July 31, 1934.
 PARATYPES, 77265 (4). Data as for the Holotype.
- Sceloporus longipes* Baird=*Sceloporus occidentalis biseriatus* Hallowell
 Proc. Acad. Nat. Sci. Philadelphia, 1858, p. 253.
 PARATYPE, 3800. California: Fort Tejon. J. Xantus.

Sceloporus lundelli lundelli H. M. Smith

Zool. Ser. Field Mus. Nat. Hist., 26, July 27, 1939, p. 66.

HOLOTYPE, 80674. British Honduras: Cohune Ridge. C. Lundell, July 17, 1936.

PARATYPE, 80675. British Honduras: Belize River at El Cayo. C. Lundell, Aug. 16, 1936.

Sceloporus melanorhinus calligaster H. M. Smith

Proc. U. S. Nat. Mus., 92 (3153), 1942, p. 360.

PARATYPES, 80070. Mexico: Colima; Perquillo, Hacienda Paso del Río. J. Oliver, July 30, 1935. 80069. Mexico: Colima; 8 kilometers south-west of Tecoman, Hacienda Gloria. J. Oliver, July 9, 1935.

Sceloporus melanorhinus stuarti H. M. Smith

Nat. Hist. Miscellanea, 20, July 1, 1948, p. 1.

HOLOTYPE, 96759. Guatemala: Huehuetenango; Finca Canibal, 3000 feet. L. C. Stuart, April 18, 1947.

PARATYPE, 96760. Data as for Holotype.

Sceloporus merriami annulatus H. M. Smith

Proc. Biol. Soc. Wash., 50, June 22, 1937, p. 83.

PARATYPES, 66177-94 (36); 72077. Texas: Brewster Co.; Glenn Spring. Former—H. T. Gaige, June-July, 1928; latter—E. C. Jacot, June 8, 1932. 66195-206 (18); 66228-30. Texas: Brewster Co.; Chisos Mts., Juniper Canyon. H. T. Gaige, June-July, 1928. 66207. Texas: Brewster Co.; Boot Spring Basin. H. T. Gaige, July, 1928. 66208 (2); 66209 (2); 66215-24; 66227; 66234-36. Texas: Brewster Co.; Glenn Draw. H. T. Gaige, June-July, 1928. 66210-14; 66225-26; 66231-33. Texas: Brewster Co.; Chilicotat Mt. H. T. Gaige, June-July, 1928. 69856 (6). Texas: Chilicothe Mt. H. K. Gloyd, July 13, 1930. 69857. Texas: Chisos Mts., north side of Emory Peak. H. K. Gloyd, July 14, 1930.

Sceloporus nelsoni Cochran

Journ. Wash. Acad. Sci., 13, 1923, p. 185.

PARATYPE, 58534. Mexico: Sinaloa; Rosario. Nelson and Goldman, July 21, 1897.

Sceloporus scalaris slevini H. M. Smith

Occ. Papers Mus. Zool. Univ. Mich., No. 361, Dec. 15, 1937, p. 3.

PARATYPES, 69853; 71140-41. Arizona: Huachuca Mts., Ramsey Canyon, 6900 feet. H. K. Gloyd, 1930-31.

Sceloporus undulatus virgatus H. M. Smith

Occ. Papers Mus. Zool. Univ. Mich., No. 387, Oct. 31, 1938, p. 11.

HOLOTYPE, 81912. Mexico: Sonora; above Santa María mine. B. Campbell, June 27, 1935.

PARATYPES, 78418 (3); 78419 (5); 78420-21. Data as for Holotype, collected June-August, 1935. 78417 (3). Mexico: Sonora; 2 miles southeast of El Tigre mine. B. Campbell, June 19, 1935. 71146-48; 71149 (2). Arizona: Cochise Co.; Chiricahua Mts., Turkey Creek Canyon. H. K. Gloyd, Aug. 2, 1931.

Sceloporus variabilis olloporus H. M. Smith

Occ. Papers Mus. Zool. Univ. Mich., No. 358, Oct. 30, 1937, p. 11.

HOLOTYPE, 80458. Costa Rica: San Juanillo. A. Smith, Oct. 7, 1931. (Recatalogued from number 71207.)

PARATYPES, 71207 (2). Data as for Holotype. 71199. Costa Rica: Guanacasti; Sierra de San Juan. A. Smith, Nov. 17, 1931. 80459 (2). Honduras: Subirana Valley. R. Stadelman, 1932-33. (Recatalogued from number 77856.)

Sceloporus variabilis smithi Hartweg and Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 356, July 12, 1937, p. 1.

HOLOTYPE, 81777. Mexico: Oaxaca; Quiengola Mt., 8 kilometers northwest of Tehuantepec. Hartweg and Oliver, July 4, 1936.

PARATYPES, 81778-800; 81804-7; 81810. Data as for Holotype, collected July 2-Aug. 11, 1936. 81811-13. Mexico: Oaxaca; San Pedro Mt., 24 kilometers west of Tehuantepec. Hartweg and Oliver, July-August, 1936. 81814-15. Mexico: Oaxaca; Mixtaquilla Mt., 6 leagues north of Tehuantepec. Hartweg and Oliver, July-August, 1936.

Scelotes ater rondoensis (Loveridge)—see *Melanoceps ater rondoensis* Loveridge

Scincus officinalis cucullata Werner

Sitzber. Akad. Wiss. Berlin, 123 (1), 1914, p. 343, 1 fig.

COTYPES, 67158 (2). Tunisia. F. Werner.

N.B. The author named no types of any kind, and his description consists of a name and a picture, appended to a description of the species. These specimens are from the material in the hands of the author when he wrote the description and assigned the names.

Scincus officinalis laterimaculata Werner

Sitzber. Akad. Wiss. Berlin, 123 (1), 1914, p. 343, 1 fig.

COTYPES, 67159 (2). S. Algeria: Ain-Sefra. F. Werner, Aug., 1910.

N.B. See note under *Scincus officinalis cucullata* Werner.

Scincus officinalis lineolata Werner=*Scincus scincus scincus* (Linné)

Sitzber. Akad. Wiss. Berlin, 123 (1), 1914, p. 343, 1 fig.

COTYPE, 67261. Egypt: Cairo. Probably collected by F. Werner.

N.B. See note under *Scincus officinalis cucullata* Werner.

Sphaerodactylus argus henriquesi Grant

"Jamaica Today," 1940, p. 154.

PARATYPES, 85870 (10). Jamaica: Williamsfield Station, Mandeville. C. Grant, April 13-15, 1937. 85871 (8). Jamaica: Williamsfield Station, 1000 feet. C. Grant, 1937.

N.B. See note under *Anolis lineatopus coxi* Grant.

Sphaerodactylus beattyi Grant

Journ. Dept. Agric. Puerto Rico, 21, 1937, p. 508.

HOLOTYPE, 80567. Virgin Islands: St. Croix; Gode Hope. C. Grant, March 17, 1936

PARATYPES, 80568-71. Virgin Islands: St Croix; West End. Mr. Beatty.
80783. Virgin Islands: St. Croix; East End. Mr. Beatty.

Sphaerodactylus danforthi Grant

Journ. Dept. Agric. Puerto Rico, 15 (3), July, 1931, p. 205, Pl. 22,
Figs. 6-10.

PARATYPES, 73601 (57). Puerto Rico: Culebra Island. C. Grant, 1931-32.
73603 (11). Puerto Rico: Louis Peña Key. C. Grant, Aug. 20, 1931.

N.B. Part of the first series listed and all of the second series may be considered paratypes in that they were used in the preparation of the original description, in which only a holotype was designated.

Sphaerodactylus festus Barbour

Proc. Biol. Soc. Wash., 28, 1915, p. 73.

PARATYPE, 46749. French West Indies: Martinique. F. M. Gaige, July 4,
1914.

Sphaerodactylus gaigeae Grant

Journ. Dept. Agric. Puerto Rico, 16, 1932, p. 31.

COTYPES, 73605 (6). Puerto Rico: mountain between Maunabo and Yabu-
coa. C. Grant, Sept. 7, 1931. 73606 (6). Puerto Rico: Mountains of
Yabucoa. C. Grant, June, 1932.

Sphaerodactylus klauberi Grant

Journ. Dept. Agric. Puerto Rico, 15 (3), July, 1931, p. 207, Pls. 20 and
23, 2 figs.

PARATYPES, 73595 (4). Puerto Rico: El Yunque. C. Grant, Jan., 1931.

Sphaerodactylus nicholsi Grant

Journ. Dept. Agric. Puerto Rico, 15 (3), July, 1931, p. 204.

PARATYPES, 73582 (27). Puerto Rico: 3 miles west of Ensenada. C. Grant,
Dec. 31, 1930.

Sphaerodactylus oliveri Grant

Herpetologica, 2 (6), Aug. 25, 1944, p. 118.

HOLOTYPE, 93310. Cuba: Cienfuegos; Soledad Estate. C. Grant, Dec., 1941.

PARATYPE, 93311. Data as for Holotype.

Sphaerodactylus parkeri Grant

Copeia, March 9, 1939, p. 8, Fig. 1 a-d.

PARATYPES, 85877 (6). Jamaica: Alligator Pond. C. Grant, May 11, 1937.

Sphaerodactylus richardsoni gossei Grant

Copeia, March 9, 1939, p. 10, Fig. 2 e-j.

PARATYPES, 85866 (3). Jamaica: Roaring River Falls. C. Grant, March 20,
1937.

Sphaerodactylus roosevelti Grant

Journ. Dept. Agric. Puerto Rico, 15 (3), July, 1931, p. 203, Pl. 21,
Figs. 4-5.

PARATYPES, 73599 (2). Puerto Rico: Hillside West Pass to Parguera. C.
Grant, Dec. 29, 1930.

Sphaerodactylus townsendi Grant

Journ. Dept. Agric. Puerto Rico, 15 (8), July, 1931, p. 208, Pl. 23, Fig. 12.

PARATYPES, 73573 (7). Puerto Rico: northeast corner of Cape San Juan. C. Grant, Jan. 25, 1931.

Sphenomorphus jagori divergens Taylor

Bureau Sci. Publ., 17 (Manila), 1929, p. 194.

COTYPE, 65965. Philippine Islands: Mindoro; Calapán. E. H. Taylor, Oct., 1926.

Tropidophorus hainanus M. A. Smith

Proc. Zool. Soc. London, 1923, p. 779.

PARATYPE, 78755. French Indo-China: Hainan Island; Five Finger Mt., Ang Mao.

Tropidophorus laotus M. A. Smith

Proc. Zool. Soc. London, 1923, p. 777.

PARATYPES, 78728 (8); 78729; 78730 (7); 78731 (7). French Indo-China: Upper Mekong, Muang Liep.

Tropidophorus robinsoni M. A. Smith

Journ. Nat. Hist. Soc. Siam, 3 (3), Aug. 1, 1919, p. 223.

PARATYPES, 78727 (7). Malay Peninsula: Isthmus of Kra, Tasan.

Uta stansburiana nevadensis Ruthven = *Uta stansburiana stansburiana* Baird and Girard

Proc. Biol. Soc. Wash., 26, Feb. 8, 1913, p. 27.

HOLOTYPE, 43848. Nevada: Carlin, Cortez Range. F. Gaige, July 13, 1912.

PARATYPES, 43799-812; 43814-20; 43822-29; 43831-39; 43841-46; 43847 (3).
Data as for Holotype, collected by Walker-Newcomb Exped., July-Aug., 1912.

Wetmorena haetiana Cochran

Proc. Biol. Soc. Wash., 40, 1937, p. 91.

PARATYPE, 92181. Haiti: Morna Cabaio; Massif de la Selle, 7500 feet. A. Wetmore, April 10, 1927.

Xenosaurus rackhami Stuart

Proc. Biol. Soc. Wash., 54, May 20, 1941, p. 47.

HOLOTYPE, 89072. Guatemala: Alta Verapaz; Finca Volcán, 1200 meters. L. C. Stuart, March 27, 1940.

OPHIDIA

- Adelphicos veraepacis veraepacis* Stuart—see *Adelphicos veraepacis* Stuart
Adelphicos veraepacis Stuart=*Adelphicos veraepacis veraepacis* Stuart
 Occ. Papers Mus. Zool. Univ. Mich., No. 452, Nov. 13, 1941, p. 5.
 HOLOTYPE, 89073. Guatemala: Alta Verapaz; Finca Samac. L. C. Stuart,
 April 21, 1938.
 PARATYPES, 89074–76. Guatemala: Alta Verapaz; Finca Chichén. L. C.
 Stuart, May 17–24, 1940.
- Agkistrodon contortrix laticinctus* Gloyd and Conant—see *Agkistrodon
 mokasen laticinctus* Gloyd and Conant
Agkistrodon contortrix pictigaster Gloyd and Conant—see *Agkistrodon
 mokeson pictigaster* Gloyd and Conant
Agkistrodon mokasen laticinctus Gloyd and Conant=*Agkistrodon contortrix
 laticinctus* Gloyd and Conant
 Occ. Papers Mus. Zool. Univ. Mich., No. 283, June 9, 1934, p. 2.
 HOLOTYPE, 75599. Texas: Bexar Co.; 26 miles northwest of San Antonio.
 R. Harvey and W. Bevan, Oct. 29, 1933.
 PARATYPES, 75600–75601. Data as for Holotype, October, 1933.
- Agkistrodon mokeson pictigaster* Gloyd and Conant=*Agkistrodon contortrix
 pictigaster* Gloyd and Conant
 Bull. Chicago Acad. Sci., 7 (2), 1943, p. 156.
 PARATYPE, 72246. Texas: Davis Mts., Tippet's Ranch, near Mitre Peak.
 G. Englehart, Oct. 3, 1930.
- Alsophis angulifer rutyi* Grant
 "Herpetology of the Cayman Islands," 1940, p. 50, Pl. 3, Figs. 5–6.
 PARATYPES, 85935–36. West Indies: Little Cayman Island. C. Grant, April
 8–12, 1937.
- Alsophis nicholsi* Grant
 Journ. Dept. Agric. Puerto Rico, 21 (4), Oct., 1937, p. 516.
 HOLOTYPE, 80648. Virgin Islands: Buck Island; off port of St. Thomas.
 C. Grant, March 15, 1936.
 PARATYPE, 80641. Data as for Holotype, collected April 20, 1936.
- Apostolepis tenuis* Ruthven
 Occ. Papers Mus. Zool. Univ. Mich., No. 188, Dec. 1, 1927, p. 1.
 HOLOTYPE, 64436. Bolivia: Department Santa Cruz; Buenavista. José Stein-
 bach.
- Atractus sanctaemartae* Dunn
 Occ. Papers Mus. Zool. Univ. Mich., No. 493, April 16, 1946, p. 2.
 HOLOTYPE, 48298. Colombia: Sierra Nevada de Santa Marta; San Sebastian.
 Collector and date unknown.
 PARATYPES, 85595. Colombia: Santa Marta Mts.; San Sebastian, 6000 feet.
 A. Bakewell, March 29, 1939. 47739–41; 54945; 55675. Colombia: Santa

Marta Mts.; San Lorenzo. 54946. Colombia: Santa Marta Mts.; Taqua. 63774. Colombia: Santa Marta Mts.; Vista Nieve.

N.B. All paratypes not otherwise listed were collected by A. G. Ruthven or M. Carriker.

Bothrops dunni (Hartweg and Oliver)—see *Trimeresurus dunni* Hartweg and Oliver

Bothrops nigroviridis marchi Barbour and Loveridge

Bull. Antivenin Inst. Amer., 3, 1929, p. 1.

PARATYPE, 90677. Honduras: Quimistan to Cofrida. D. March, 1928.

Carphophis amoena helenae (Kennicott)—see *Celuta helenae* Kennicott

Celuta helenae Kennicott = *Carphophis amoena helenae* (Kennicott)

Proc. Acad. Nat. Sci. Philadelphia, March, 1859, p. 100.

PARATYPE ?, 3779. Southern Illinois. R. Kennicott.

N.B. This species and *Ophibolis evansi* were described from specimens in the collection of Northwestern University and the Smithsonian Institutions, according to a footnote to the title. Our specimens were sent to the United States National Museum by Kennicott, but were not necessarily collected by him. It seems very probable that these two specimens are from the type series of the respective species.

Coluber ortenburgeri Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 284, June 9, 1934, p. 1.

HOLOTYPE, 75588. Guatemala: Kalto Sabana, 3 miles west of La Libertad. L. C. Stuart, June 9, 1933.

Coniophanes frangivirgatus Peters

Copeia, No. 4, Dec. 22, 1950, p. 279.

HOLOTYPE, 101160. Mexico: Veracruz; 1/2 mile east of Plan del Río, 32 kilometers airline southeast of Jalapa, on Veracruz highway, at Río Actopan. James A. Peters, March 7, 1949.

Coniophanes imperialis copei Hartweg and Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 390, Nov. 2, 1938, p. 4.

HOLOTYPE, 82666. Mexico: Oaxaca; between Quiengola Mt. and Tehuantepec. Hartweg and Oliver, July 25, 1936.

PARATYPES, 82667-70. Mexico: Oaxaca; 8 kilometers northwest of Tehuantepec. 82671; 82674-89. Mexico: Oaxaca; mountains in vicinity of La Mixtaquilla. 82690-92. Mexico: Oaxaca; between San Mateo and Tehuantepec. 82694-82707. Mexico: Oaxaca; vicinity of Tehuantepec. 82708-16. Data as for Holotype. 82717. Mexico: Oaxaca; 4 kilometers north of Tehuantepec, on Ixtepec Road. 82718-21. Mexico: Oaxaca; vicinity of Huilotepec.

N.B. All paratypes collected by Hartweg and Oliver, July, 1936.

Coniophanes schmidti Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 362, Dec. 15, 1937, p. 1.

HOLOTYPE, 73043. Mexico: Yucatán; Chichén Itzá. E. Creaser, June 30, 1932.

PARATYPES, 73039-40; 73042. Data as for Holotype. 74893. Guatemala: vicinity of La Libertad. H. Malleis, 1926-32. 74894. Guatemala: 14 miles south of Santa Terresa. L. C. Stuart, April 14, 1933.

Conopsis conica (Taylor and Smith)—see *Toluca conica* Taylor and Smith
Conopsis lineata wetmorei (H. M. Smith)—see *Toluca lineata wetmorei* H. M. Smith

Constrictor constrictor amarali Stull

Occ. Papers Boston Soc. Nat. Hist., 8, 1932, p. 27.

PARATYPES, 63009-11. Brazil: São Paulo. 68005. Bolivia: Santa Cruz; Buenavista. J. Steinbach, Jan., 1927.

Crotalus lepidus klauberi Gloyd

Occ. Papers Mus. Zool. Univ. Mich., No. 337, July 7, 1936, p. 2.

HOLOTYPE, 79895. Arizona: Cochise Co.; Huachuca Mts., Carr Canyon. L. Cook, Aug. 10, 1931.

Crotalus lucifer Baird and Girard=*Crotalus viridis oregonus* Holbrook

Proc. Acad. Nat. Sci. Philadelphia, 6, 1852, p. 177.

? COTYPE, 3681. California: San Diego. J. Xantus.

Crotalus molossus nigrescens Gloyd

Occ. Papers Mus. Zool. Univ. Mich., No. 325, Jan. 28, 1936, p. 2.

HOLOTYPE, 77833. Mexico: Zacatecas; 4 miles west of La Colorado. H. M. Smith, June 10, 1934.

PARATYPES, 77834-35. Data as for Holotype.

Crotalus triseriatus anahuacus Gloyd

Chicago Acad. Sci. Spec. Publ., 4, May 5, 1940, p. 91.

PARATYPE, 75866. Mexico: Morelos; near Cuernavaca and Tres Marias. H. M. Smith, June 21, 1932.

Crotalus willardi silus Klauber

Trans. San Diego Soc. Nat. Hist., 11 (8), Sept. 30, 1949, p. 128.

PARATYPES, 78449-55. Mexico: Sonora; above Santa Maria mine, El Tigre Mt. Berry Campbell, July 27-Aug. 3, 1935.

Dendrophidion dendrophis vinitor H. M. Smith—see *Dendrophidion vinitor* Smith

Dendrophidion vinitor H. M. Smith=*Dendrophidion dendrophis vinitor* H. M. Smith

Proc. Biol. Soc. Wash., 54, July 31, 1941, p. 74.

PARATYPE, 79766. Nicaragua: Recero, Río Mico. M. Allen, July 17, 1935. 90670. Nicaragua: Matagalpa. W. B. Richardson.

Diadophis amabilis similis Blanchard

Occ. Papers Mus. Zool. Univ. Mich., No. 142, July 9, 1923, p. 4.

HOLOTYPE, 57897. California: San Diego. L. M. Klauber, 1923.

Dryadophis boddaerti ruthveni (Stuart)—see *Eudryas ruthveni* Stuart

Dryadophis melanolomus stuarti H. M. Smith

Proc. U.S. Nat. Mus., 93 (3169), 1943, p. 418.

PARATYPE, **80202**. Mexico: Colima; Perquillo, 2 kilometers north of Hacienda Paso del Río. J. Oliver, July 30, 1935.

Dryadophis melanolomus tehuanae H. M. Smith

Proc. U.S. Nat. Mus., 93 (3169), 1943, p. 420.

PARATYPES, **82546–47**. Mexico: Oaxaca; Tres Cruces Mt., 32 kilometers west of Tehuantepec. **82548–49**. Mexico: Oaxaca; San Pedro Mt.; 24 kilometers west of Tehuantepec. **82550**. Mexico: Oaxaca; between Quiengola Mt. and Tehuantepec. **82551**. Mexico: Oaxaca; vicinity of Tehuantepec. **82552**. Mexico: Oaxaca; Mixtaquilla Mt., 6 leagues north of Tehuantepec.

N.B. All paratypes were collected by Hartweg and Oliver, July–August, 1936.

Engyrus asper schmidti Stull

Occ. Papers Boston Soc. Nat. Hist., 8, 1932, p. 26.

PARATYPE, **68815**. New Guinea: Wanggar River, Weyland Range.

Epicrates cenchria gaigei Stull

Occ. Papers Boston Soc. Nat. Hist., 8, 1938, p. 298.

HOLOTYPE, **77236**. Bolivia: Santa Cruz; Buenavista. J. Steinbach, April, 1927.

PARATYPE, **56862**. Bolivia: Manao, extreme northeast corner of Bolivia, at junction of Rios Abuna and Madeira. Gonzales. **60693**; **63207**. Data as for Holotype. **68068–69**. Bolivia: Santa Cruz. J. Steinbach, 1927.

Erythrolamprus mimus micrurus Dunn and Bailey

Bull. Mus. Comp. Zool., 86 (1), Oct., 1939, p. 12.

PARATYPE, **90672**. Colombia: Choco region; Andagoya. W. White, 1929.

Eudryas boddaertii gaigeae Stuart=*Dryadophis melanolomus alternatus* (Bocourt)

Occ. Papers Mus. Zool. Univ. Mich., No. 254, Feb. 9, 1933, p. 7.

HOLOTYPE, **57917**. Panama: Chiriqui Prov.; Boquete, Wright's Ranch, 4000 feet. H. T. Gaige, March 29, 1923.

PARATYPES, **57912–13**; **57918–21**; **57932**. Data as for Holotype. **57911**. Panama: Chiriqui; Rabo de Puerco, Bay of Dulce. **57915–16**. Panama: Chiriqui; Progreso.

N.B. All paratypes collected by H. T. Gaige, March–April, 1923.

Eudryas ruthveni Stuart=*Dryadophis boddaerti ruthveni* (Stuart)

Occ. Papers Mus. Zool. Univ. Mich., No. 254, Feb. 9, 1933, p. 4.

HOLOTYPE, **54954**. Colombia: Santa Marta Mts.; slope of San Lorenzo. A. G. Ruthven, June 22, 1920.

PARATYPES, **45591–93**; **45595–97**. Colombia: Santa Marta Mts.; San Lorenzo. Walker Exped., 1913. **54949–53**; **54955**. Colombia: Santa Marta Mts. **55674**. Colombia: Santa Marta Mts.; San Lorenzo.

N.B. All paratypes collected by A. G. Ruthven and M. Carriker, unless otherwise stated.

- Eurypholis mayae* Gaige=*Opheodrys mayae* (Gaige)
Carnegie Inst. Wash. Publ., No. 457, Feb. 5, 1936, p. 300.
HOLOTYPE, 73082. Mexico: Yucatán; Dzitas.
- Eutaenia faireyi* Baird and Girard=*Thamnophis ordinatus ordinatus* (Linné)
Cat. North Amer. Rept., pt. 1, 1853, p. 25.
COTYPE, 3695. Louisiana Prairie Mer Rouge. J. Fairie.
- Geophis carinosus* Stuart
Occ. Papers Mus. Zool. Univ. Mich., No. 452, Nov. 13, 1941, p. 3.
HOLOTYPE, 89082. Guatemala: El Quiché, 27 kilometers northeast of Nebaj, Finca San Francisco. L. C. Stuart, Aug. 2, 1940.
- Hypsiglena ochrorhynchus deserticola* Tanner
Great Basin Nat., 5 (3-4), Dec. 29, 1944, p. 59.
PARATYPE, 92327. Utah: Utah Co.; Meseda Bench foothills, near Chimney Rock Pass, northwest end of Utah Lake. W. Tanner, May 7, 1944.
- Hypsiglena ochrorhynchus lorealus* Tanner
Great Basin Nat., 5 (3-4), Dec. 29, 1944, p. 63.
PARATYPE, 68595. Utah: Grand Co.; 10 miles northwest of La Sal. H. K. Gloyd, Aug. 22, 1929.
- Imantodes luciodorsus* Oliver
Copeia, 1942 (1), March 24, 1942, p. 1.
HOLOTYPE, 81920. Mexico: Campeche; Balchacaj, across lake from Ciudad del Carmen. J. Martin, 1937.
PARATYPE, 81921. Data as for Holotype.
- Imantodes splendidus oliveri* H. M. Smith
Proc. U.S. Nat. Mus., 92 (3153), 1942, p. 360.
PARATYPE, 82603. Mexico: Oaxaca; in vicinity of La Mixtaquilla. Hartweg and Oliver, July 19, 1936.
- Lampropeltis doliata blanchardi* Stuart—see *Lampropeltis polyzona blanchardi* Stuart
- Lampropeltis doliata gaigae* Dunn—see *Lampropeltis triangulum gaigae* Dunn
- Lampropeltis doliata schmidti* Stuart—see *Lampropeltis triangulum schmidti* Stuart
- Lampropeltis polyzona blanchardi* Stuart=*Lampropeltis doliata blanchardi* Stuart
Occ. Papers Mus. Zool. Univ. Mich., No. 309, March 26, 1935, p. 2.
HOLOTYPE, 68239. Mexico: Yucatán; Chichén Itzá, along the Valladolid trail. F. M. Gaige, Feb. 13, 1930.
PARATYPES, 68238; 68705; 73029. Yucatán: Chichén Itzá. Various collectors.
- Lampropeltis triangulum gaigae* Dunn=*Lampropeltis doliata gaigae* Dunn
Occ. Papers Mus. Zool. Univ. Mich., No. 353, April 28, 1937, p. 9.
HOLOTYPE, 57967. Panama: Chiriqui Province; Boquete. H. T. Gaige, March 24, 1923.

Lampropeltis triangulum schmidti Stuart=*Lampropeltis doliata schmidti* Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 323, 1935, p. 2.

PARATYPE, 79510. Mexico: Tres Marias Islands. "Torrer."

Leptodeira bakeri Ruthven

Occ. Papers Mus. Zool. Univ. Mich., No. 330, April 1, 1936, p. 1.

HOLOTYPE, 57130. Dutch West Indies: Aruba Island; Bubali. H. Baker, Aug. 6, 1922.

PARATYPES, 57129, 57131; 57133. Data as for Holotype. 57134. Dutch West Indies: Aruba Island; Mon Plaisir. H. Baker, Aug. 8, 1922.

Leptodeira yucatanensis malleisi Dunn and Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 313, May 29, 1935, p. 1.

HOLOTYPE, 73230. Mexico: Campeche; Tuxpena. C. Lundell, 1932.

PARATYPES, 73229. Data as for Holotype. 74881; 74883; 74885-86. Guatemala: vicinity of La Libertad. H. Malleis, L. C. Stuart.

Leptophis ahaetulla bolivianus Oliver=*Thalerophis richardii bolivianus* (Oliver)

Occ. Papers Mus. Zool. Univ. Mich., No. 462, Sept. 15, 1942, p. 1.

HOLOTYPE, 67973. Bolivia: Santa Cruz; Buenavista. J. Steinbach, Nov., 1926.

PARATYPES, 67974-75; 67976 (2); 67977 (2); 60701-2. Data as for Holotype.

Leptophis coeruleodorsus Oliver=*Thalerophis coeruleodorsus* (Oliver)

Occ. Papers Mus. Zool. Univ. Mich., No. 462, Sept. 15, 1942, p. 4.

PARATYPE, 90671. Tobago Island. W. Broadway.

Leptophis mexicanus yucatanensis Oliver=*Thalerophis mexicanus yucatanensis* (Oliver)

Occ. Papers Mus. Zool. Univ. Mich., No. 462, Sept. 15, 1942, p. 10.

HOLOTYPE, 83940. Mexico: Quintana Roo; Coba. C. Lundell, June-July, 1937.

PARATYPES, 83941. Data as for Holotype. 73035. Mexico: Yucatán; Chichén Itzá. E. Creaser, July 3, 1932.

Leptophis occidentalis chochoensis Oliver=*Thalerophis occidentalis chochoensis* (Oliver)

Occ. Papers Mus. Zool. Univ. Mich., No. 462, Sept. 15, 1942, p. 15.

HOLOTYPE, 55528. Colombia: Choco; El Río Condoté, Camp Penalisa. C. Eigenmann.

Leptotyphlops anthracinus Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 492, April 16, 1946, p. 1.

HOLOTYPE, 90816. Ecuador: near Banos, 1800 meters. W. Clarke-MacIntyre, Aug., 1939.

PARATYPES, 88897. Ecuador: Banos, 1800 meters. 90817; 92533-35. Ecuador: Abitagua, Río Pastaza. 92531-32. Ecuador: near Banos.

N.B. All paratypes collected by W. Clarke-MacIntyre, 1938-39.

Leptotyphlops bakewelli Oliver=*Leptotyphlops phenops bakewelli* Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 360, Nov. 20, 1937, p. 16.

HOLOTYPE, 80228. Mexico: Colima; Paso del Río, Perquillo. J. Oliver, July 26, 1935.

PARATYPES, 80229 (2). Data as for Holotype.

Leptotyphlops phenops bakewelli Oliver—see *Leptotyphlops bakewelli* Oliver
Leptotyphlops phillipsi Barbour

Proc. New England Zool. Club, 5, 1914, p. 87.

PARATYPE, 51761. Arabia: Petra. J. Phillips and W. Mann.

Masticophis ruthveni Ortenburger=*Masticophis taeniatus ruthveni* Ortenburger

Occ. Papers Mus. Zool. Univ. Mich., No. 139, July 9, 1923, p. 3.

HOLOTYPE, 57681. Texas: Brownsville. A. I. Ortenburger.

PARATYPES, 57682-90; 57692-94. Data as for Holotype.

Masticophis taeniatus ruthveni Ortenburger—see *Masticophis ruthveni* Ortenburger

Micrurus affinis mayensis Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, 1933, p. 37.

PARATYPES, 73057-58. Mexico: Yucatán; Chichén Itzá. E. MacKay.

Micrurus affinis stantoni Schmidt=*Micrurus affinis alienus* (Werner)

Zool. Ser. Field Mus. Nat. Hist., 20, Dec. 11, 1933, p. 36.

PARATYPE, 73228. Campeche: Tuxpena Camp. C. Lundell, 1932.

Micrurus browni Schmidt and Smith

Zool. Ser. Field Mus. Nat. Hist., 29 (2), Nov. 26, 1943, p. 29.

PARATYPES, 85681-84. Mexico: Guerrero; Sierra Madre del Sur, vicinity of Chilpancingo. W. W. Brown.

Micrurus nigrocinctus alleni Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 209.

HOLOTYPE, 79794. Nicaragua: Río Mico, 10 miles above Recero. M. Allen, July 13, 1935.

PARATYPES, 79795. Nicaragua: Río Siquia, 7 miles above Rama. M. Allen, Aug., 1935. 79796-97. Nicaragua: Río Siquia. M. Allen, Aug., 1935.

N.B. The data given above is exactly as given in our catalogue and differs from that of the author in the type description.

Micrurus nigrocinctus mosquitoensis Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, Dec. 11, 1933, p. 33.

PARATYPE, 90675. Costa Rica: Limón. S. Kress, Nov. 19, 1924.

Micrurus peruvianus Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 193.

PARATYPE, 90676. Peru: Perico. G. K. Noble, 1916.

Micrurus transandianus Schmidt

Zool. Ser. Field Mus. Nat. Hist., 20, Oct. 31, 1936, p. 195.

PARATYPE, 90674. Colombia: Choco region, Andagoya. W. White, 1929.

Natrix cyclopion floridanus Goff

Occ. Papers Mus. Zool. Univ. Mich., No. 327, March 31, 1936, p. 1.

HOLOTYPE, 77229. Florida: Lake Co.; near Leesburg, Alsa-Brook Prairie. R. Allen, March, 1935.

PARATYPES, 77230-34. Data as for Holotype. 57066. Florida: Labelle. J. B. Williamson, March 21, 1921. 57376. Florida: Leon Co. Alexander and Godbold, June, 1922. 57387. Florida: Gainesville. F. Pinkoson, March 3, 1922. 75644. Florida: 1½ miles south of Tamiami Trail, near Miami. E. Moore, March 19, 1933. 75645. Florida: 4 miles north of Hialeah. E. Moore, April 15, 1933. 97022-26. Florida: near Eustis. H. A. Kelly.

Natrix erythrogaster flavigaster Conant

Copeia, No. 1, April 15, 1949, p. 2.

PARATYPES, 96201. Louisiana: W. Baton Rouge Parish; near Erwinville. Paul T. Parker, Sept. 1, 1947. 96202. Louisiana: Baton Rouge Parish; Baton Rouge. P. T. Parker, Aug. 16, 1947. 96203-27. 25 young born to 96202 on Sept. 1, 1947.

Natrix erythrogaster neglecta Conant

Copeia, No. 1, April 15, 1949, p. 5.

PARATYPES, 74510-11. Michigan: Eaton Co.; 1 mile east of Olivet. William Clay, May 17, 1933.

Natrix fasciata confluens Blanchard=*Natrix sipedon confluens* Blanchard

Occ. Papers Mus. Zool. Univ. Mich., No. 140, July 9, 1923, p. 1.

HOLOTYPE, 57707. Missouri: Butler Co. J. Hurter, April 16, 1905.

Natrix kirtlandi (Kennicott)—see *Regina kirtlandii* Kennicott*Natrix sipedon confluens* Blanchard—see *Natrix fasciata confluens* Blanchard*Natrix sipedon insularum* Conant and Clay

Occ. Papers Mus. Zool. Univ. Mich., No. 346, Feb. 11, 1937, p. 1.

HOLOTYPE, 80457. Ontario: Lake Erie; Pelee Island. R. Conant and W. Clay, June 9, 1935.

Ninia sebae morleyi Schmidt and Andrews

Zool. Ser. Field Mus. Nat. Hist., 20, 1936, p. 169.

PARATYPES, 90669 (2). Mexico: Yucatán; Chichén Itzá. W. H. Thompson.

Opheodrys mayae (Gaige)—see *Eurypholis mayae* Gaige*Opheodrys vernalis blanchardi* Grobman

Misc. Publ. Mus. Zool. Univ. Mich., No. 50, March 26, 1941, p. 11.

HOLOTYPE, 62439. Colorado: Spanish Peaks, 8000 feet. H. T. Gaige, July 25, 1925.

PARATYPES, 62440. Data as for Holotype, July 26, 1925. 59181. Utah: Mount Timpanogos. A. Ruthven, Aug. 16, 1924.

Ophibolus Evansii Kennicott=*Lampropeltis calligaster* (Say)

Proc. Acad. Nat. Sci. Philadelphia, March 1859, p. 99.

PARATYPE?, 3749. Central Illinois. R. Kennicott.

N.B. See note under *Celuta helenae* Kennicott.

Phyllorhynchus decurtatus nubilus Klauber

Trans. San Diego Soc. Nat. Hist., 9 (20), April 30, 1940, p. 197.

PARATYPE, 64068. Arizona: Tucson. B. R. Bovee.

Pituophis lodingi Blanchard=*Pituophis melanoleucus lodingi* Blanchard

Papers Mich. Acad., 4, 1924, p. 532.

HOLOTYPE, 58800. Alabama: Mobile Co.; between Irvington and Grand Bay. H. Loding, April 30, 1924.

Pituophis melanoleucus lodingi Blanchard—see *Pituophis lodingi* Blanchard*Pseudoficimia pulcherrima* Taylor and Smith

Univ. Kans. Sci. Bull., 28 (2), Nov. 15, 1942, p. 246.

PARATYPE, 85711. Mexico: Guerrero; vicinity of Chilpancingo, in Sierra Madre del Sur Range. W. W. Brown.

Regina kirtlandii Kennicott=*Natrix kirtlandi* (Kennicott)

Proc. Acad. Nat. Sci. Philadelphia, 8, 1856, p. 95.

PARATYPE, 43928. Illinois: Cook Co.; West Northfield.

Rhadinaea aemula Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 412, May 6, 1940, p. 4.

PARATYPES, 84697-84700. Mexico: Guerrero; near Chilpancingo. W. W. Brown.

Rhadinaea gaigeae Bailey

Copeia, 1937, p. 118.

PARATYPE, 90668. Mexico: San Luis Potosí; mountains of Alvarez, 15 miles south of San Luis Potosí. E. Palmer, 1879.

Rhadinaea hempsteadae Stuart and Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 442, July 18, 1941, p. 2.

HOLOTYPE, 89080. Guatemala: Alta Verapaz; Finca Chichén, 5700 feet. L. C. Stuart, May 26, 1940.

PARATYPE, 89081. Data as for Holotype, collected May 21, 1940.

Rhadinaea hesperia Bailey=*Rhadinaea hesperia hesperia* Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 412, May 6, 1940, p. 8.

PARATYPES, 80226-27. Mexico: Colima; Queseria. Oliver and Bakewell, June, 1935. (These two specimens=*Rhadinaea hesperia hesperioides* Smith, according to Smith and Taylor, U. S. Nat. Mus. Bull., No. 187, 1945, pp. 117-18.) 84701-9. Mexico: Guerrero; mountains near Chilpancingo. W. W. Brown, 1938-39.

Rhadinaea hesperia hesperia Bailey—see *Rhadinaea hesperia* Bailey*Rhadinaea stadelmani* Stuart and Bailey

Occ. Papers Mus. Zool. Univ. Mich., No. 442, July 18, 1941, p. 4.

HOLOTYPE, 89078. Guatemala: Huehuetenango; Todos Santos, 8000 feet. R. Stadelman, Nov., 1937.

PARATYPE, 89079. Data as for Holotype, collected Oct., 1937.

Rhadinaea veraepacis Stuart and Bailey=*Trimetopon veraepacis* (Stuart and Bailey)

Occ. Papers Mus. Zool. Univ. Mich., No. 442, July 18, 1941, p. 9.

HOLOTYPE, 89077. Guatemala: Alta Verapaz; Finca Chichén. L. C. Stuart, May 17, 1940.

Salvadora hexalepis deserticola Schmidt

Zool. Ser. Field Mus. Nat. Hist., 24 (12), May 31, 1940, p. 146.

PARATYPE, 66023. Texas: Brewster Co.; Glenn Spring. H. T. Gaige, June 20, 1928.

Salvadora hexalepis klauberi Bogert

Amer. Mus. Novitates, No. 1285, May 14, 1945, p. 2.

PARATYPE, 76463. Mexico: Baja California; San Ignacio. W. Mosauer, summer, 1934.

Salvadora hexalepis mojavensis Bogert

Amer. Mus. Novitates, No. 1285, May 14, 1945, p. 6.

PARATYPE, 84909. Nevada: Esmeralda Co.; 10 miles east of Basalt. C. Hubbs, July 28, 1938.

Salvadora intermedia Hartweg

Copeia, 1940 (4), Dec. 27, 1940, p. 256.

HOLOTYPE, 85733. Mexico: Guerrero; Sierra Madre del Sur Range, vicinity of Chilpancingo. W. W. Brown.

PARATYPES, 85726-31. Data as for Holotype.

Seminatrix pygaea cyclas Dowling

Misc. Publ. Mus. Zool. Univ. Mich., No. 76, March 19, 1950, p. 14.

HOLOTYPE, 96301. Florida: Glades Co.; 2-8 miles northeast of Lakeport, Indian Prairie. Ted Moren, Aug. 10, 1947.

PARATYPES, 96302-5. Data as for Holotype. 96306-10. Data as for Holotype, except collected by Thornton, Sistrunk, and Roach, July 23, 1947.

Seminatrix pygaea paludis Dowling

Misc. Publ. Mus. Zool. Univ. Mich., No. 76, March 19, 1950, p. 12.

HOLOTYPE, 91457. North Carolina: Onslow Co.; Camp Davis, near Hollyridge. Fred Barkalow, May 20, 1942.

Sistrurus miliarius streckeri Gloyd

Occ. Papers Mus. Zool. Univ. Mich., No. 322, Oct. 31, 1935, p. 4.

HOLOTYPE, 76751. Arkansas: Lawrence Co.; near Imboden. B. Marshall, 1932.

PARATYPE, 76752. Data as for Holotype.

Sonora aequalis Smith and Taylor

This species, based on a very dubious individual, is not represented in the UMMZ collections, as stated by the authors of the name. The specimen has been returned to the Museum of Comparative Zoology at Harvard, to which it originally belonged.

Sonora semiannulata blanchardi Stickel

Copeia, 1938, p. 185.

HOLOTYPE, 83122. Texas: Brewster Co.; northeast slopes of Chisos Mountains. F. Blanchard and J. Carney, Sept. 28, 1935.

PARATYPES, 83124; 83125-26. Texas: Brewster Co.; Chisos Mts. Blanchard and Carney, 1935. 83127. Texas: Brewster Co.; 15 miles south of Terlingua. A. Dorgan, 1936. 83128. Texas: Brewster Co.

Sonora semiannulata gloydi Stickel

Copeia, 1938, p. 186.

HOLOTYPE, 83754. Arizona: Grand Canyon National Park, Bright Angel Trail. W. Holzmark, 1936.

Storeria dekayi wrightorum Trapido

Amer. Midl. Nat., 31 (1), Jan., 1944, p. 57.

HOLOTYPE, 74583. Tennessee: Reelfoot Lake. Roger Conant, April 9, 1933.

Tantilla bairdi Stuart

Occ. Papers Mus. Zool. Univ. Mich., No. 452, Nov. 13, 1941, p. 1.

HOLOTYPE, 89223. Guatemala: Alta Verapaz; 10 kilometers south of Cobán, 2 kilometers northeast of Finca Chichén on Chamelco Trail. L. C. Stuart, May 17, 1940.

Tantilla coronadoi Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 486, July 20, 1944, p. 4.

HOLOTYPE, 85697. Mexico: Guerrero; Sierra Madre del Sur Range, vicinity of Chilpancingo. W. W. Brown.

Tantilla gracilis Baird and Girard

Cat. North Amer. Rept., 1, 1853, p. 132.

HOLOTYPE, 3781. Texas: Indianola. Capt. Pope.

Tantilla morgani Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 486, July 20, 1944, p. 5.

HOLOTYPE, 85968. Mexico: Puebla; Necaxa. J. Morgan, April 5, 1939.

Thalerophis coeruleodorsus (Oliver)—see *Leptophis coeruleodorsus* Oliver

Thalerophis mexicanus yucatanensis (Oliver)—see *Leptophis mexicanus yucatanensis* Oliver

Thalerophis occidentalis chocoensis (Oliver)—see *Leptophis occidentalis chocoensis* Oliver

Thalerophis richardii bolivianus (Oliver)—see *Leptophis ahaetulla bolivianus* Oliver

Thamnophis ordinoides hydrophila Fitch

Amer. Midl. Nat., 17, 1936, p. 648.

PARATYPES, 71513 (3). Oregon: Rogue River. Hubbs and Schultz, Aug. 27, 1936.

Thamnophis ruthveni Hartweg and Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 390, Nov. 2, 1938, p. 1.

HOLOTYPE, 82469. Mexico: Oaxaca; 3 miles northeast of Tehuantepec. Hartweg and Oliver, July 5, 1936.

PARATYPES, 82470-76; 82479-82509. Mexico: Oaxaca; vicinity of Tehuantepec. Hartweg and Oliver, July-Aug., 1936. 82510. Mexico: Oaxaca; between Santa Rosa and Tehuantepec. Hartweg and Oliver, July 21, 1936.

Thamnophis sirtalis annectens Brown=*Thamnophis ordinatus annectens* Brown

"Annotated Check List of Reptiles and Amphibians of Texas," Baylor Univ. Studies, 1950, p. 203.

PARATYPE, 69257. Texas: Hill Co.; 2 miles north of Hillsboro. E. Creaser, April 9, 1930.

Toluca conica Taylor and Smith=*Conopsis conica* (Taylor and Smith)

Univ. Kans. Sci. Bull., 28 (2), Nov. 15, 1942, p. 340.

PARATYPES, 85703-10. Mexico: Guerrero; Sierra Madre del Sur Range, near Chilpancingo. W. W. Brown.

Toluca lineata wetmorei H. M. Smith=*Conopsis lineata wetmorei* (H. M. Smith)

Proc. U.S. Nat. Mus., 93, 1943, p. 489.

PARATYPES, 89370 (13). Mexico: Veracruz; Pan del Olla. Forbes and Garcia, March 22, 1940.

Trimeresurus dunni Hartweg and Oliver=*Bothrops dunni* (Hartweg and Oliver)

Occ. Papers Mus. Zool. Univ. Mich., No. 390, Nov. 2, 1938, p. 6.

HOLOTYPE, 82732. Mexico: Oaxaca; vicinity of Tehuantepec. Hartweg and Oliver, July 7, 1936.

PARATYPES, 82731; 82733-35. Data as for Holotype, collected July-Aug., 1936. 82736. Mexico: Oaxaca; 8 kilometers northwest of Tehuantepec, Quiengola Mt. 82737-44. Mexico: Oaxaca; 24 kilometers west of Tehuantepec, San Pedro Mountain. 82745. Mexico: Oaxaca; between Tehuantepec and San Pedro Mountain. 82746. Mexico: Oaxaca; 6 leagues north of Tehuantepec, Mixtaquilla Mt.

N.B. All paratypes collected by Hartweg and Oliver, July-Aug., 1936.

Trimetopon barbouri Dunn

Occ. Papers Boston Soc. Nat. Hist., 5, 1930, p. 331.

PARATYPE, 90667. Panama: Canal Zone; Ancon.

Trimetopon hannsteini Stuart

Proc. Biol. Soc. Wash., 62, Nov. 16, 1949, p. 165.

HOLOTYPE, 98756. Guatemala: Dept. San Marcos; Finca LaPaz, 18 kilometers (straight line) north of Coatepeque, 1450 meters. L. C. Stuart, May 14, 1947.

PARATYPES, 98753-55; 98757. Data as for Holotype.

Trimetopon veraepacis (Stuart and Bailey)—see *Rhadinaea veraepacis* Stuart and Bailey

Trimorphodon biscutatus semirutus H. M. Smith

Proc. U.S. Nat. Mus., 93 (3169), 1943, p. 492.

PARATYPES, 80200. Mexico: Colima; 6 miles northwest of Villa Alvarez. July 5, 1935. J. A. Oliver. 80201. Mexico: Colima; southeast Hacienda las Orties. J. A. Oliver, July 21, 1935.

Tropidodipsas kidderi Stuart

Proc. Biol. Soc. Wash., 55, Dec. 31, 1942, p. 177.

HOLOTYPE, 91065. Guatemala: Alta Verapaz; Finca Samac. L. C. Stuart, April 23, 1938.

PARATYPE, 91064. Data as for Holotype.

Tropidodipsas occidentala Oliver

Occ. Papers Mus. Zool. Univ. Mich., No. 360, Nov. 20, 1937, p. 20.

HOLOTYPE, 80222. Mexico: Colima; Comala. A. Kuhlhorn, Sept., 1931.

Tropidophis maculatus pillsbryi Bailey

Proc. New England Zool. Club, 16, 1937, p. 45.

PARATYPE, 65043. Cuba: Mina Carlota, 1200 feet.

Tropidophis melanurus parkeri Grant—see *Tropidophis parkeri* Grant*Tropidophis nigriventris* Bailey

Proc. New England Zool. Club, 16, 1937, p. 45.

HOLOTYPE, 70888. Cuba: Prov. Camaguey; 6 miles east of Marti. A. Greenhall, July 30, 1931.

PARATYPE, 70887. Data as for Holotype.

Tropidophis parkeri Grant = *Tropidophis melanurus parkeri* Grant

"Herpetology of the Cayman Islands," 1940, p. 44.

PARATYPE, 85954. West Indies: Little Cayman Island. C. Grant, April, 1937.

N.B. Our specimen is one of the six from the author's collection used and mentioned in the type description, although he designated a single specimen in the British Museum as a paratype.

Typhlops bergi Peters

Occ. Papers Mus. Zool. Univ. Mich., No. 508, Feb. 16, 1948, p. 1, Pl. 1, Figs. 1-2.

HOLOTYPE, 95445. Solomon Islands: New Georgia; Segi Point. C. O. Berg, April, 1944.

Typhlops granti Ruthven and Gaige

Occ. Papers Mus. Zool. Univ. Mich., No. 307, March 25, 1935, p. 2.

HOLOTYPE, 76669. Caja de Muertos Island, 8 miles off Ponce, Puerto Rico. C. Grant, April 20, 1931.

PARATYPES, 76670. Data as for Holotype, collected Nov., 1931. 76671.

Puerto Rico: 1 mile north of Paraguera. C. Grant, Dec. 12, 1930. (The locality for this specimen, figured in the original paper, is in error in the heading of the figure. It should be as given here.)

N.B. As far as I can learn, there are only two paratypes in the UMMZ collections, not four as stated in the original description.

TESTUDINATA

Amyda spinifera hartwegi Conant and Goin

Occ. Papers Mus. Zool. Univ. Mich., No. 510, June 15, 1948, p. 1.

HOLOTYPE, 95365. Kansas: Sedgwick Co.; Wichita. R. Young, May, 1945.

PARATYPES, 66939-41. Kansas: Atchison Co.; 1½ miles east of Atchison.

F. Nolte, May, 1928. 75963. Kansas: Cowley Co.; 1½ miles southwest of

Winfield. C. Burt, Feb. 22, 1933. 69294. Kansas: Neosho Co.; Caneville

Creek, 12 miles north of Parsons. J. Salyer, Sept. 20, 1930. 95363-64.

Data as for Holotype.

Chrysemys marginata Agassiz=*Chrysemys picta marginata* Agassiz

Cont. to Nat. Hist. of United States, 1, 1857, p. 439.

COTYPE, 63519. Michigan: Washtenaw Co.; Ann Arbor. A. Winchell, 1850's.

Chrysemys picta marginata Agassiz—see *Chrysemys marginata* Agassiz*Goniochelys minor* Agassiz=*Sternotherus minor* (Agassiz)

Cont. to Nat. Hist. of United States, 1, 1857, p. 424.

COTYPE, 63520. Louisiana: New Orleans. Dr. Benedict. (Shell only.)

Graptemys barbouri Carr and Marchand

Proc. New England Zool. Club, 20, Sept. 12, 1942, p. 98.

PARATYPE, 90678. Florida: Jackson Co.; Chipola River. A. F. Carr.

Kinosternon bauri Garman

Bull. Essex Inst., 23, 1891, p. 141.

COTYPE, 53038. Florida: Key West.

Kinosternon creaseri Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 277, Jan. 2, 1934, p. 1.

HOLOTYPE, 73090. Mexico: Yucatán; Chichén Itzá. E. Creaser, June 29, 1932.

PARATYPES, 78083-87; 73210; 73089 (2). Data as for Holotype, collected June, 1932.

Kinosternon flavescens stejnegeri Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 371, May 7, 1938, p. 1.

HOLOTYPE, 72235. Mexico: Sonora; Llano. M. J. Allen, July 1, 1932.

PARATYPE, 72234. Data as for Holotype.

Kinosternon murrayi Glass and Hartweg

Copeia, No. 1, 1951, p. 50, Fig. 1.

PARATYPES, 101294. Texas: Presidio Co.; 37.5 miles south-southeast of Marfa (spring south of ranch house on Atkinson ranch). H. G. Dowling, June 12, 1950. S-1083. Texas: Presidio Co.; 37.5 miles south-southeast of Marfa. H. G. Dowling, June 12, 1950.

Pseudemys floridana peninsularis Carr

Copeia, No. 3, Sept. 24, 1938, p. 105.

PARATYPES, 83358. Florida: Marion Co.; near Umatilla. A. and T. Carr, Nov. 3, 1933. 83359. Florida: Charlotte-Desoto Co. line. S. Springer, Nov. 15, 1936.

Pseudemys floridana suwanniensis Carr

Occ. Papers Mus. Zool. Univ. Mich., No. 348, March 12, 1937, p. 4.

HOLOTYPE, 81673. Florida: Levy-Dixie Co.; Manatee Spring. A. Carr, March 12, 1934.

PARATYPES, 81674 (Allotype); 81675. Data as for Holotype. 81676-82. Florida: Levy-Dixie Co.; Suwannee River at Manatee Spring. A. Carr, March 12, 1934.

N.B. The numbers assigned by UMMZ were not available to the author at the time of publication, and have not been listed previously.

Pseudemys nelsoni Carr

Occ. Papers Boston Soc. Nat. Hist., 8, June 9, 1938, p. 307.

PARATYPES, 83129. Florida: Alachua Co.; pond near Gainesville. A. Carr and G. Van Hynning, May 8, 1935. 83130. Florida: Lake Co.; Sulfur City. A. Carr, May 1, 1935. 83131. Florida: Alachua Co.; Sugarfoot Prairie. A. and T. Carr, Nov. 15, 1934.

Pseudemys scripta gaigeae Hartweg

Occ. Papers Mus. Zool. Univ. Mich., No. 397, Jan 12, 1939, p. 1.

HOLOTYPE, 66472. Texas: Brewster Co.; Rio Grande River, Boquillas. H. T. Gaige.

Sternotherus minor (Agassiz)—see *Goniochelys minor* Agassiz

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