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CATALOGUE OF TYPE SPECIMENS
IN THE DEPARTMENT OF NATURAL SCIENCES,
FLORIDA STATE MUSEUM

CARTER R. GILBERT, ED.



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TABLE OF CONTENTS

INTRODUCTION	102
FOSSIL INVERTEBRATES	104
FOSSIL VERTEBRATES	105
RECENT MOLLUSCS	107
RECENT FISHES	110
RECENT AMPHIBIANS AND REPTILES	115
RECENT MAMMALS	120

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INTRODUCTION

The Florida State Museum was established in 1917 by an act of the state legislature as a department of the University of Florida, Gainesville. For 29 years, until his retirement in 1946, Dr. T. H. van Hyning oversaw its slow but steady growth. The Museum remained dormant from 1946 till 1951, at which time it was reactivated with Dr. Arnold B. Grobman as director. He was succeeded by Dr. J. C. Dickinson, Jr., who became acting director in 1959 and director in 1961, a position he presently occupies. With the decision to reactivate the Museum in 1951, certain collections previously maintained by the Department of Biology and the Department of Geology were merged with holdings of the Museum.

The administrative offices and exhibits section of the Museum were moved from campus to the Seagle Building, in downtown Gainesville, in 1937. The various natural history collections, however, remained on campus for many years, with most (all except fishes and invertebrate fossils) finally being moved to the Seagle Building during the early and mid-1960's, and one (Arthropods) being transferred in 1959 to the State Plant Board of Florida (now the Division of Plant Industry) to be incorporated into its large collection. In all cases quarters were extremely crowded and generally inadequate. Despite these shortcomings the Museum continued to grow, with the permanent curatorial staff in Natural Sciences increasing from an initial size of one-half position (half-time in the Department of Biology) in 1951 to four in 1961. During this time most of the collections continued to be active, with the curatorial responsibilities in some cases being handled by various staff members in the Biology and Geology departments. By the late 1960's the permanent curatorial staff had risen to seven, and the number of full-time technicians increased from two to five. In September 1970 the Museum moved into its present quarters, a 2.5 million dollar tri-level complex built in the form of an ancient Mayan pyramid. This building was financed by a 1.1 million dollar grant from the National Science Foundation, with the remainder coming from the state of Florida and private sources. This was accompanied by further growth of both the professional and subprofessional staffs. At the present time there are 11

curators, two associates, and five full-time technicians working in the various Natural Sciences collections.

The disciplines for which collections are maintained in the Museum's Natural Sciences Department are herpetology, ichthyology, ornithology, mammalogy, malacology, zooarcheology, invertebrate paleontology, and vertebrate paleontology; with the geographical areas best represented being southeastern United States, Central America, and the West Indies. Many new taxa have been described based entirely or in part on material from these collections. In addition to the types emanating directly from work on museum material, a number have been acquired by exchange with other institutions or as the result of transferral of collections from other museums. In accordance with Recommendation 72D (Institutional Responsibility) of the International Code of Zoological Nomenclature (1961), the following list of type material in the Florida State Museum has been prepared. As can be seen, the bulk is from the ichthyology, herpetology, malacology, and vertebrate paleontology collections. No types are present in the ornithology and zooarcheology collections.

Insofar as possible a standard format has been followed in preparing these lists, with emphasis being placed on brevity of presentation. Taxa are separated by classes, but are listed alphabetically within the class according to the species or subspecies name; the family name is included in each case. Situations in which the taxon has subsequently been 1) synonymized with another form, 2) elevated to a species or reduced to a subspecies, 3) placed in a different genus, or 4) modified with regard to spelling of the species name (gender of patronyms) are so indicated in the lists. The source of original description is listed for each taxon, rather than in a list at the end of the section, and only the pages and figures actually dealing with the description of the new form are included. No locality or collection data are included for either the primary (name-bearing) or secondary (non name-bearing) types; however, for vertebrate and invertebrate fossils the geological age is indicated, either by period (for Paleozoic and Mesozoic material) or epoch (for Cenozoic material). The Florida State Museum catalogue number is given in all cases (each collection has its own set of numbers), and the number of paratypic specimens is indicated in parentheses. The Florida State Museum/University of Florida abbreviations (FSM or UF), which are normally used in publication, are omitted throughout. Paratypes are included for most collections, but not for some (malacology and vertebrate paleontology), this being at the discretion of the individual curators. All malacological types listed belong to the class Gastropoda.

Whole specimens in the herpetology and ichthyology collections are permanently preserved in 40-45 percent isopropyl alcohol. These collections also include osteological material that is entered in the respective catalogues along with the alcoholic specimens. The ornithology, mammalogy, and malacology collections are comprised mostly of dry material (skins, eggs, bones, and shells), with a smaller number of specimens in the last two collections being preserved in 70 percent isopropyl alcohol.

The types lists for certain collections (fishes, reptiles and amphibians, molluscs, vertebrate paleontology, and invertebrate paleontology) are preceded by short summaries relating to such matters as size, history, and geographic coverage of the collection, or further explanation of certain things appearing in the lists. In addition, supplementary mimeographed lists are being prepared for fishes, reptiles and amphibians, and invertebrate fossils. These will include more detailed information on the types, complete listings of the publications cited, and in some cases additional information on the history, size, and composition of the particular collection involved.

FOSSIL INVERTEBRATES

GRAIG D. SHAAK AND KENNETH E. CAMPBELL, JR.

The collection of fossil invertebrates has enjoyed rapid growth and development. It was begun in 1958 by Dr. H. K. Brooks, Department of Geology, and remained under his care until 1972, when Dr. Shaak was appointed the first full-time curator in Invertebrate Paleontology. Dr. Brooks was assisted by various graduate students and by Mrs. Dora Partheniades, who worked first as a volunteer and later was employed (between 1971 and 1972) on a part-time basis. Dr. Brooks still maintains an active interest in his role as adjunct curator. The collection was housed in the Department of Geology (Floyd Hall), before being moved to the new Museum building in 1970.

The holdings have recently been greatly enhanced by the acquisition, from the Coastal Petroleum Company, of a substantial amount of material, much of it identified. Special thanks are due Mrs. Muriel Hunter, through whose generosity the collection was made available.

A more detailed, mimeographed version of this catalogue is also being prepared, including secondary types. This will be distributed to colleagues or can be obtained by writing the senior author.

PHYLUM COELENTERATA CLASS HYDROZOA

ocalana, *Cystactinia*, Brooks. 1964. Pilot Register Zool: Card 10. (Hydractiniidae). (Eocene). Holotype: 2102.

PHYLUM ECHINODERMATA

CLASS ECHINOIDEA

ingens, *Eupatagus*, Zachos. 1968. Quart. J. Fla. Acad. Sci., 31(3): 161-164 (Brissidae). (Eocene). Holotype: 1008.

PHYLUM ARTHROPODA

CLASS CIRRIPIEDIA

georgiana, *Kathpalmeria*, Ross. 1965. Quart. J. Fla. Acad. Sci., 28(1): 59-67. (Balanidae). (Eocene). Paratype: 4000 (1).

prefloridanum, *Pyrgoma*, Brooks and Ross. 1960. Crustaceana, 1(4): 353-365. (Balanidae). (Pleistocene). Holotype: 1313H. Paratypes: 1313 (50), 1314-1316 (3).

tamiamiensis, *Balanus*, Ross. Quart. J. Fla. Acad. Sci., 27(4): 271-277. (Balanidae). (Miocene). Paratypes: 1339-1340 (2).

CLASS MALACOSTRACA

brooksi, *Calappilia*, Ross and Scolaro. 1964. Quart. J. Fla. Acad. Sci., 27(2): 97-106. (Calappidae). (Eocene). Paratypes: 1331-1333 (3).

ocalanus, *Aparnocondylus*, Ross, Lewis and Scolaro. 1964. Quart. J. Fla. Acad. Sci., 27(3): 187-196. (Calappidae). (Eocene). Holotype: 1338.

robertsi, *Calappa*, Ross, Lewis and Scolaro. 1964. Quart. J. Fla. Acad. Sci., 27(2): 97-106. (Calappidae). (Eocene). Paratypes: 1334-1337 (4).

PHYLUM MOLLUSCA

CLASS PLICATULA

hunterae, *Plicatula*, Shaak and Nicol. 1974. Tulane Stud. in Geol. and Paleont., in press. (Plicatulidae). (Late Pliocene or early Pleistocene). Holotype: 3655. Paratypes: 3656 (1), 3751 (1).

FOSSIL VERTEBRATES

S. DAVID WEBB AND THOMAS H. PATTON

The fossil vertebrate types in the Florida State Museum reflect the principal strengths of the collection. Most are from Florida, and the rest are from the West Indies. The collections also emphasize Florida, and in general cover the entire Caribbean region. Chronologically, a majority of these types are of Pleistocene age, with the Pliocene and Miocene epochs also being well represented. This reflects the simple fact that few terrestrial deposits exposed in the Caribbean region predate the middle of the Cenozoic era.

The Florida State Museum has developed collections in paleontology only relatively recently. This fact is reflected in the types, the first of which was not described until 1957. Since then types have been added at an average rate of three per year. Prior to 1957 no paleontology collection existed as such, the principal collections of Florida fossil vertebrates being housed at the United States National Museum, the American Museum of Natural History, Harvard University, and the Florida Geological Survey (in Tallahassee). Since then, however, the Florida State Museum collection has grown so rapidly that it has now become the largest repository of Florida fossil vertebrates.

FOSSIL AMPHIBIANS

- abavus*, *Leptodactylus*, Holman. 1965. Quart. J. Fla. Acad. Sci., 28(1): 70-72, fig. 1. (Leptodactylidae). (Middle Miocene). Holotype: 10201.
- barbouri*, *Acris*, Holman. 1967. Quart. J. Fla. Acad. Sci., 30(2): 128-130, fig. 3a. (Hylidae). (Middle Miocene). Holotype: 10208.
- barbudensis*, *Hyla*, Auffenberg. 1958. (= *Eleutherodactylus barbudensis*). Quart. J. Fla. Acad. Sci., 21(3): 251, fig. 1. (Leptodactylidae). (Pleistocene). Holotype: 2752.
- miofloridana*, *Hyla*, Holman. 1967. Quart. J. Fla. Acad. Sci., 30(2): 132-133, fig. 3b. (Hylidae). (Middle Miocene). Holotype: 10209.
- tiheni*, *Bufo*, Auffenberg. 1957. Quart. J. Fla. Acad. Sci., 20(1): 15, fig. 1. (Bufonidae). (Middle Pliocene). Holotype: 5203.

FOSSIL REPTILES

- alleni*, *Geochelone*, Auffenberg. 1966. J. Paleont., 40(4): 877, fig. 1. (Testudinidae). (Middle Pliocene). Holotype: 9370.
- antiqua*, *Pseudocemophora*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 187, fig. 36. (Colubridae). (Middle Miocene). Holotype: 6458.
- auffenbergi*, *Macrolemys*, Dobie. 1968. Tulane Stud. in Zool., (15)2: 60, fig. 1. (Chelydridae). (Middle Pliocene). Holotype: 10992.
- brevis*, *Heterodon*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 174, fig. 22. (Colubridae). (Middle Pliocene). Holotype: 6153.
- brevispinosus*, *Paleofarancia*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 169, fig. 16. (Colubridae). (Pliocene). Holotype: 5566.
- carr*, *Chrysemys*, Rose and Weaver. 1966. Tulane Stud. in Geol., 5(1): 41-48, fig. 4. (Emydidae). (Middle Pliocene). Holotype: 9427.
- elinorae*, *Diadophis*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 171, fig. 18. (Colubridae). (Middle Pliocene). Holotype: 6413.
- floridanus*, *Calamagras*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 163, fig. 11. (Boidae). (Middle Miocene). Holotype: 6150.
- floridanus*, *Paraoxybelis*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 190, fig. 39. (Colubridae). (Middle Miocene). Holotype: 5143.
- inflata*, *Chrysemys*, Weaver and Robertson. 1967. Tulane Stud. in Geol., 5(2): 57, fig. 3. (Emydidae). (Middle Pliocene). Holotype: 12460.
- minuatus*, *Anilioides*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 164, fig. 12. (Aniliidae). (Middle Miocene). Holotype: 6151.
- platymarginata*, *Chrysemys*, Weaver and Robertson. 1967. Tulane Stud. in Geol., 5(3): 59, fig. 4. (Emydidae). (Early Pleistocene). Holotype: 10046.
- vetustum*, *Stilosoma*, Auffenberg. 1963. Tulane Stud. in Zool., 10(3): 186, fig. 35. (Colubridae). (Middle Pliocene). Holotype: 6467.
- williamsi*, *Chrysemys*, Rose and Weaver. 1966. Tulane Stud. in Geol., 5(1): 41-48, fig. 1. (Emydidae). (Middle Pliocene). Holotype: 11561.

FOSSIL MAMMALS

- aratai*, *Pitymys*, Martin in Webb. 1974. Pleistocene Mammals of Florida, pp. 62-65, fig. 3-9. Univ. of Fla. Press. (Microtidae). (Middle Pleistocene). Holotype: 11685.
- bakeri*, *Sigmodon*, Martin in Webb. 1974. Pleistocene Mammals of Florida, pp. 52-59, fig. 3-5. Univ. of Fla. Press. (Cricetidae). (Middle Pleistocene). Holotype: 11700.
- dilophidus*, *Castoroides ohioensis*, Martin. 1969. J. Paleont., 43(4): 1033-1041, figs. 2-5. (Castoridae). (Late Pleistocene). Holotype: 12404.
- floridanus*, *Mylohyus*, Kinsey in Webb. 1974. Pleistocene Mammals of Florida, pp. 158-169, fig. 6-1 thru 6-3. Univ. of Fla. Press. (Tayassuidae). (Early Pleistocene). Holotype: 18002.

- garciae*, *Antilocapra* (*Subantilocapra*), Webb. 1973. J. Mammalogy, 54(1): 214-219, figs. 5-6. (*Antilocapridae*). (Middle Pliocene). Holotype: 17354.
- kinseyi*, *Mylagaulus*, Webb. 1966. J. Mammalogy, 47(3): 401-412, figs. 2a, 3a. (*Mylagaulidae*). (Middle Pliocene). Holotype: 11552.
- koakudsi*, *Felis rufus*, Kurten. 1965. Bull. Fla. St. Mus., Biol. Sci., 9(6): 234-237, fig. 10. (*Felidae*). (Late Pleistocene). Holotype: 3246.
- limosus*, *Carpocyon*, Webb. 1969. Bull. Fla. St. Mus., Biol. Sci., 14(4): 276-281, fig. 1. (*Canidae*). (Middle Pliocene). Holotype: 12069.
- minicephalus*, *Urocyon*, Martin in Webb. 1974. Pleistocene Mammals of Florida, p. 70, fig. 3-11. Univ. of Fla. Press. (*Canidae*). (Middle Pleistocene). Holotype: 13146.
- orc*, *Osteoborus*, Webb. 1969. Bull. Fla. St. Mus., Biol. Sci., 14(4): 287-296, figs. 3-4. (*Canidae*). (Middle Pliocene). Holotype: 13180.
- protistus*, *Pliomatanastes*, Hirschfeld and Webb. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(5): 246-282, figs. 10-19. (*Megalonychidae*). (Middle Pliocene). Holotype: 9479.

FOSSIL BIRDS

- barbadiana*, *Neochen*, Brodkorb. 1964. J. Barbados Mus. and Hist. Soc., 31(1): 5-6, pl. 1. (*Anatidae*). (Pleistocene). Holotype: 7456.
- creightoni*, *Caracara*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 353; pl. 1, fig. 7. (*Falconidae*). (Pleistocene). Holotype: 3153.
- dickinsoni*, *Glaucidium*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 358; pl. 2, fig. 1. (*Strigidae*). (Pleistocene). Holotype: 3202.
- fidens*, *Nycticorax*, Brodkorb. 1963a. Fla. Geol. Surv., Spec. Publ., 2(4): 3, pl. 1. (*Ardeidae*). (Middle Pliocene). Holotype: 3285.
- hyphalus*, *Bathocelus*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 362; pl. 2, fig. 7. (*Picidae*). (Pleistocene). Holotype: 3209.
- micraulax*, *Puffinus*, Brodkorb. 1963c. Quart. J. Fla. Acad. Sci., 26(2): 159; pl. 1, figs. a-b. (*Procellariidae*). (Pleistocene). Holotype: 4872.
- nanus*, *Burhinus*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 354-355; pl. 1, fig. 2. (*Burhinidae*). (Pleistocene). Holotype: 3154.
- podagrica*, *Fulica*, Brodkorb. 1964. J. Barbados Mus. and Hist. Soc., 31(1): 7-9, pl. 1. (*Rallidae*). (Pleistocene). Holotype: 7458.
- providentiae*, *Otus*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 360-361; pl. 2, fig. 2. (*Strigidae*). (Pleistocene). Holotype: 3207.
- rayi*, *Ereunetes*, Brodkorb. 1963c. Quart. J. Fla. Acad. Sci., 26(2): 5, pl. 2. (*Scolopacidae*). (Middle Pliocene). Holotype: 3878.
- subvolans*, *Phalacrocorax*, Brodkorb. 1958. Condor, 58(5): 367-368, fig. 1. (*Phalacrocoracidae*). (Middle Miocene). Holotype: 4500.
- walleri*, *Titanis*, Brodkorb. 1963b. Auk, 80(2): 113-115, figs. 1-2. (*Phorusrhacidae*). (Early Pleistocene). Holotype: 4108.
- wetmori*, *Corvus*, Brodkorb. 1959. Bull. Fla. St. Mus., Biol. Sci., 4(11): 363-365; pl. 3, fig. 2. (*Corvidae*). (Pleistocene). Holotype: 3210.

RECENT MOLLUSCS
(CLASS GASTROPODA)

RICHARD FRANZ AND FRED G. THOMPSON

The mollusc collection includes over 40,000 lots of specimens, emphasizing the land and freshwater molluscs of coastal United States and Tropical America. Housed in the collection are 48 holotypes and lectotypes, most of which were recently described by Fred G. Thompson.

The collection has its origin with O. T. van Hyning. When van

Hying joined the staff, he brought with him a substantial collection from Iowa, forming the basis of the present holdings. Additional material was subsequently added by various individuals, including a large portion of the Maxwell Smith collection. Later Robert M. DeWitt, now with the Department of Zoology, University of Florida, added considerable freshwater material from the southeastern United States and the Great Lakes Region. William J. Clench and Ruth D. Turner, through National Park Service and National Science Foundation grants to J. C. Dickinson, Jr. and the Florida State Museum, collected widely in the Appalachian basin of Georgia, Alabama, and Florida. Part of this material is also housed here. Since 1966 major additions have been made by Fred G. Thompson.

- adelphion*, *Coelocentrum tomacella*, Thompson. 1968b. Bull. Fla. St. Mus., Biol. Sci., 12(3): 169-171, figs. 24a-b. (Urocoptidae). Holotype: 19758.
- agarhecta*, *Marstonia*, Thompson. 1969b. Quart. J. Fla. Acad. Sci., 32(4): 243-247, figs. 1a-f. (Hydrobiidae). Holotype: 20528.
- amplaxis*, *Dissotropis*, Thompson. 1968b. Bull. Fla. St. Mus., Biol. Sci., 12(3): 161-162, figs. 20a-b. (Poteridae). Holotype: 19764.
- anaclasta*, *Coelostemma*, Thompson. 1971. Bull. Fla. St. Mus., Biol. Sci., 15(5): 280-283, figs. 6a-b. (Urocoptidae). Holotype: 20907.
- andrewsi*, *Mesodon*, Binney. 1879. (= *Mesodon andrewsae*). Ann. N. Y. Acad. Sci., 1: 360; pl. 14, figs. e-f; pl. 15, fig. l. (Polygyridae). Lectotype: 591.
- apheles*, *Pachychilus*, Thompson. 1967c. Nautilus, 81(1): 26-28, fig. 1 (upper). (Pleuroceridae). Holotype: 19757.
- astraxis*, *Coelostemma*, Thompson. 1971. Bull. Fla. St. Mus., Biol. Sci., 15(5): 289-293, fig. 10a. (Urocoptidae). Holotype: 20903.
- bembix*, *Coelostemma*, Thompson. 1971. Bull. Fla. St. Mus., Biol. Sci., 15(5): 278-280, fig. 5a. (Urocoptidae). Holotype: 20901.
- bequaerti*, *Murex*, Clench and Farfanté. 1945. Johnsonia, 17: 40-41; pl. 21, figs. 1-2. (Muricidae). Holotype: 11986.
- capselius*, *Neocyclotus*, Thompson. 1969a. Zoologica, 54(2): 73, figs. 5e-h. (Poteridae). Holotype: 20148.
- castaneum*, *Dissotropis*, Thompson. 1968b. Bull. Fla. St. Mus., Biol. Sci., 12(3): 155-166, fig. 15a. (Poteridae). Holotype: 19758.
- cataclines*, *Coelocentrum*, Thompson. 1968b. Bull. Fla. St. Mus., Biol. Sci., 12(3): 178-179, figs. 28a-b. (Urocoptidae). Holotype: 19031.
- corpulentus*, *Pachychilus*, Thompson. 1967c. Nautilus, 81(1): 28-30, fig. 1 (lower). (Pleuroceridae). Holotype: 19754.
- dacryon*, *Rhaphinema*, Thompson. 1969b. Quart. J. Fla. Acad. Sci., 32(4): 249-251, figs. 2a-b. (Hydrobiidae). Holotype: 20503.
- eclipses*, *Coelostemma*, Thompson. 1971. Bull. Fla. St. Mus., Biol. Sci., 15(5): 276-278, fig. 4a. (Urocoptidae). Holotype: 21211.
- flavescens*, *Dicrista*, Thompson. 1969a. Zoologica, 54(2): 49-51, figs. 1e, 2g-h. (Poteridae). Holotype: 20197.
- fornax*, *Coelostemma fornax*, Thompson. 1971. Bull. Fla. St. Mus., Biol. Sci., 15(5): 293-296, fig. 11a. (Urocoptidae). Holotype: 20895.
- hadromylla*, *Anisospira*, Thompson. 1968b. Bull. Fla. St. Mus., Biol. Sci., 12(3): 150-152, fig. 13a. (Urocoptidae). Holotype: 19055.
- haplocochlion*, *Miradiscops*, Thompson. 1967b. Bull. Fla. St. Mus., Biol. Sci., 11(4): 241-243, figs. 3a-c. (Systrophidae). Holotype: 19058.

- impressus*, *Neocyclotus*, Thompson. 1969a. *Zoologica*, 54(2): 75-76, figs. 7a-c. (Poteriidae). Holotype: 20151.
- indentata*, *Dicrista*, Thompson. 1969a. *Zoologica*, 54(2): 51-52, figs. 1f, 2d-f. (Poteriidae). Holotype: 20191.
- ix, *Coelostemma fornax*, Thompson. 1971. *Bull. Fla. St. Mus., Biol. Sci.*, 15(5): 296-298, fig. 12a. (Urocoptidae). Holotype: 20907.
- juliae*, *Conus*, Clench. 1942. *Johnsonia*, 6: 26-27; pl. 12, fig. 4. (Conidae). Holotype: 13382.
- leucostoma*, *Coelostemma*, Thompson. 1971. *Bull. Fla. St. Mus., Biol. Sci.*, 15(5): 272-274, fig. 2a. (Urocoptidae). Holotype: 21145.
- liobasis*, *Dicrista*, Thompson. 1969a. *Zoologica*, 54(2): 48-49, fig. 1d. (Poteriidae). Holotype: 20194.
- lymani*, *Conus bermudensis*, Clench. 1942. *Johnsonia*, 6: 35-36; pl. 13, fig. 3. (Conidae). Holotype: 13362.
- notogastor*, *Coelostemma*, Thompson. 1971. *Bull. Fla. St. Mus., Biol. Sci.*, 15(5): 286-289, fig. 8a. (Urocoptidae). Holotype: 20909.
- novohibernica*, *Papuina lambei*, Smith. 1946. *Nautilus*, 59: 94; pl. 9, fig. A. (Camaenidae). Holotype: 12451.
- otoides*, *Eucolodium*, Thompson. 1968b. *Bull. Fla. St. Mus., Biol. Sci.*, 12(3): 180-182, figs. 29a-b. (Urocoptidae). Holotype: 19050.
- patulus*, *Xenocyclus*, Thompson. 1969a. *Zoologica*, 54(2): 54-56, figs. 1a, 5a-d. (Poteriidae). Holotype: 20185.
- paulsonorum*, *Amphicyclotus*, Thompson. 1969a. *Zoologica*, 54(2): 61-63, figs. 6d-f. (Poteriidae). Holotype: 20180.
- phrixina*, *Ceochasma*, Thompson. 1968a. *Proc. Biol. Soc. Wash.*, 81(7): 45-52, figs. 1-3. (Helicinidae). Holotype: 20138.
- richardi*, *Coelostemma*, Thompson. 1971. *Bull. Fla. St. Mus., Biol. Sci.*, 15(5): 284-286, fig. 7a. (Urocoptidae). Holotype: 20905.
- rugosa*, *Dicrista*, Thompson. 1969a. *Zoologica*, 54(2): 52-53, figs. 1h, 4e-g. (Poteriidae). Holotype: 20199.
- sathon*, *Notogillia*, Thompson. 1969b. *Quart. J. Fla. Acad. Sci.*, 32(4): 251-255, figs. 4a-b. (Hydrobiidae). Holotype: 20507.
- simplicicostus*, *Neocyclotus*, Thompson. 1969a. *Zoologica*, 54(2): 68-71, figs. 1j, 2j-l. (Poteriidae). Holotype: 20167.
- spiralis*, *Amphicyclotus texturatus*, Thompson. 1969a. *Zoologica*, 54(2): 59-61, figs. 4a-c. (Poteriidae). Holotype: 20176.
- stenocion*, *Coelocentrum*, Thompson. 1968b. *Bull. Fla. St. Mus., Biol. Sci.*, 12(3): 167-169, figs. 23 a, c. (Urocoptidae). Holotype: 19060.
- stringens*, *Anisospira dalli*, Thompson. 1968b. *Bull. Fla. St. Mus., Biol. Sci.*, 12(3): 147-148, fig. 10g. (Urocoptidae). Holotype: 19079.
- sulfureus*, *Linidiella*, Thompson. 1967a. *Proc. Biol. Soc. Wash.*, 80(3): 61-64, figs. 1-3. (Proserpinidae). Holotype: 19025.
- tanydeira*, *Coelocentrum*, Thompson. 1968b. *Bull. Fla. St. Mus., Biol. Sci.*, 12(3): 164-167, figs. 21a, c. (Urocoptidae). Holotype: 19040.
- tenax*, *Somatogyrus*, Thompson. 1969b. *Quart. J. Fla. Acad. Sci.*, 32(4): 260-265, figs. 8a-c. (Hydrobiidae). Holotype: 20530.
- tescola*, *Humboldtiana*, Thompson. 1967c. *Nautilus*, 81(1): 22-27, figs. 1-2. (Xanthonychidae). Holotype: 19752.
- turgida*, *Spilochlamys*, Thompson. 1969b. *Quart. J. Fla. Acad. Sci.*, 32(4): 255-260, figs. 6a-b. (Hydrobiidae). Holotype: 20517.
- tyla*, *Coelocentrum*, Thompson. 1968b. *Bull. Fla. St. Mus., Biol. Sci.*, 12(3): 176-178, figs. 28a-b. (Urocoptidae). Holotype: 19044.
- vanhyningi*, *Primovula*, M. Smith. 1940. *Nautilus*, 54(2): 46; pl. ii, fig. 8. (Eratoidae). Holotype: 11078.
- vonpaulseni*, *Liguus fasciata*, Young. 1960. *Bull. Fla. St. Mus., Biol. Sci.*, 5(6): 261-265, figs. 1-2. (Bulimulidae). Holotype: 18865.

weeksiana, *Papuina*, M. Smith. 1946. *Nautilus*, 59: 94; pl. 9, fig. B. (Camaeniidae). Holotype: 12450.

RECENT FISHES.

CARTER R. GILBERT

The following list, comprising 87 taxa, includes 14 holotypes, one neotype, and a total of 1536 paratypes. All are bony fishes (class Osteichthyes), no members of the other two living classes of fishlike vertebrates (Agnatha and Chondrichthyes) as yet being represented by type material. A substantial number (332) of the paratypes formerly were in the collection of the Tropical Atlantic Biological Laboratory (TABL) of the National Marine Fisheries Service (now the National Oceanic and Atmospheric Administration), Miami, Florida. Much of this collection was transferred to the Florida State Museum during the fall of 1972. The material formerly in the TABL collection is so indicated in the following list.

Eight taxa not included in the following list are expected to be described within the next year. Only paratypes are involved. These include a new species and subspecies of the carcharhinid shark genus *Mustelus*, to be described by P. C. Heemstra; a new species of the cyprinodontid genus *Rivulus* (R. R. Miller and C. L. Hubbs); a new species of the gobiid genus *Gobionellus* (C. R. Gilbert and J. E. Randall); a new species of the centrarchid genus *Micropterus* (J. S. Ramsey); two new species of the sciaenid genus *Sciaena* (R. V. Miller and L. N. Chao); and a new species of the percid genus *Etheostoma* (R. W. Bouchard).

A more detailed, mimeographed version of this type catalogue is also being prepared. This will be distributed to individuals on the author's mailing list, and may be obtained by writing the author.

Abbreviations appearing in the list are as follows: LACM (Los Angeles County Museum), MNHN (Museum National d'Histoire Naturelle) (Paris), TABL (Tropical Atlantic Biological Laboratory), and UMMZ (University of Michigan, Museum of Zoology).

LIST OF TYPES

- amblybregmatus*, *Citharichthys*, Gutherz and Blackman. 1970. *Copeia*, 1970(2): 340-345, fig. 3. (Bothidae). Paratypes: 19292 (3) (formerly TABL 105458).
ansp, *Verma*, Böhlke. 1968b. *Notulae Naturae*, 415: 1-12, fig. 1. (Ophichthidae). Paratype: 10304 (1).
antennatus, *Barbulifer*, Böhlke and Robins. 1968. *Proc. Acad. Nat. Sci. Phila.*, 120(3): 126-128, fig. 18. (Gobiidae). Paratypes: 9047 (1), 9216 (1), 10320 (1).
antillarum, *Ancylopsetta*, Gutherz. 1966. *Bull. Mar. Sci.*, 16(3): 449-455, fig. 1. (Bothidae). Paratypes: 19298 (2) (formerly TABL uncat.), 19299 (1) (formerly TABL uncat.).

- arawak*, *Symphurus*, Robins and Randall. 1965. Bull. Mar. Sci., 15(2): 331-337, fig. 1a. (Cynoglossidae). Paratype: 12269 (1).
- atronasum*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 88-90, fig. 6. (Gobiidae). Holotype: 15427. Paratypes: 13567 (12) (13 originally; 1 sent to MNHN), 13363 (5), 13931 (3), 15433 (2).
- bairdi*, *Notropis*, Hubbs and Ortenburger. 1929. Univ. Oklahoma Bull., n. s. no. 434, 1(2): 29-32. (Cyprinidae). Paratypes: 14599 (8) (ex UMMZ 80387).
- bathoiketes*, *Porichthys*, Gilbert. 1968. Bull. Mar. Sci., 18(3): 710-715, figs. 12c, 13a. (Batrachoididae). Paratypes: 11636 (1), 12965 (12) (formerly TABL uncat., in part), 14382 (1), 19231 (2) (formerly TABL uncat.), 19232 (1) (formerly TABL uncat.), 19233 (3) (formerly TABL uncat.), 19234 (2) (formerly TABL uncat.), 19235 (1) (formerly TABL uncat.), 19236 (1) (formerly TABL uncat.).
- belone*, *Myxodagnus*, Böhlke. 1968a. Notulae Naturae, 414: 6-9, figs. 2-3. (Dactyloscopidae). Paratypes: 13376 (4), 15655 (female allotype).
- berlangai*, *Opisthonema*, Berry and Barrett. 1963. Bull. Inter-American Tropical Tuna Comm., 7(2): 119-120, 161-163, fig. 1b. (Clupeidae). Paratypes: 19279 (10) (formerly TABL 105845).
- berryi*, *Symphysanodon*, Anderson. 1970. Fish. Bull. National Oceanic and Atmos. Admin., 68(2): 338-342, fig. 4. (Lutjanidae). Paratypes: 16425 (12) (formerly TABL 101316, in part), 19289 (1) (formerly TABL 106432), 19290 (2) (formerly TABL 101315), 19526 (6) (formerly TABL 101317).
- billsam*, *Hymenocephalus*, Marshall and Iwamoto. 1973. Mem. Sears Foun. Mar. Res., 1(6): 610-612, fig. 34. (Macrouridae). Paratypes: 19523 (7) (formerly TABL 106838).
- boschungii*, *Etheostoma*, Wall and Williams. 1974. Tulane Stud. in Zool. and Bot., 18(4): 172-182. (Percidae). Paratypes: 16537 (2), 18424 (1).
- brucei*, *Argentina*, Cohen and Atsaides. 1969. Fish. Bull. National Oceanic and Atmos. Admin., 68(1): 31-33, fig. 13. (Argentinidae). Paratypes: 5237 (6), 16534 (4) (catalogue number erroneously listed in original description as 8026).
- caldwelli*, *Emblemaria*, Stephens. 1970. Copeia, 1970(2): 302-305, fig. 13. (Clinidae). Paratypes: 13409 (4), 13611 (1) (catalogue number erroneously listed in original description as 13711), 13630 (2), 13714 (1), 13735 (2).
- captivai*, *Opisthonema*, Rivas. 1972. Copeia, 1972(1): 1-3, fig. 1 (top). (Clupeidae). Paratypes: 19280 (9) (formerly TABL 107121), 19627 (15) (formerly TABL 107120).
- caribbaea*, *Trichopsetta*, Anderson and Gutherz. 1967. Bull. Mar. Sci., 17(4): 898-905, figs. 4-5. (Bothidae). Paratypes: 15635 (1) (formerly TABL uncat.), 19309 (4) (formerly TABL uncat.), 19310 (2) (formerly TABL uncat.), 19311 (1) (formerly TABL uncat.), 19312 (8) (formerly TABL uncat.), 19313 (6) (formerly TABL uncat.), 19314 (3) (formerly TABL uncat.).
- carolae*, *Lepidotrigla*, Richards. 1968. Atlante Rept., 10: 106-109, fig. 13. (Triglidae). Paratypes: 19319 (5) (formerly TABL 101070), 19320 (1) (formerly TABL 101071), 19321 (8) (formerly TABL 101072), 19322 (4) (formerly TABL 101073), 19323 (3) (formerly TABL 101074), 19324 (10) (formerly TABL 101075), 19325 (5) (formerly TABL 101076), 19326 (10) (formerly TABL 101077).
- carri*, *Microdesmus*, Gilbert. 1966. Copeia, 1966(2): 326-329, figs. 1a-b. (Microdesmidae). Holotype: 12012. Paratypes: 11199 (1), 11297 (20).
- colecans*, *Coleotropis*, Caldwell. 1962. (= *Coleotropis blackburni*). Los Angeles County Mus., Contr. in Sci., 51: 3-8, fig. 1. (Atherinidae). Holotype: 5652.
- combati*, *Antigonia*, Berry and Rathjen. 1958. Quart. J. Fla. Acad. Sci., 21(3): 255-258, fig. 1. (Caproidae). Paratypes: 5243 (14) (formerly TABL uncat., in part), 19338 (1) (formerly TABL uncat.), 19339 (1) (formerly TABL uncat.), 19340 (1) (formerly TABL uncat.), 19341 (1) (formerly TABL uncat.), 19342 (1) (formerly TABL uncat.).

- costaricensis*, *Ophioscion*, Caldwell. 1958. Quart. J. Fla. Acad. Sci., 21(2): 117-124, fig. 1. (Sciaenidae). Holotype: 5831. Paratype: 5830 (1).
- diopus*, *Uropterygius*, Böhlke. 1967a. Proc. Acad. Nat. Sci. Phila., 118(4): 91-95, fig. 1. (Muraenidae). Paratypes: 10687 (2), 11312 (6), 11364 (5).
- duodecim*, *Nezumia*, Iwamoto. 1970. Stud. in Trop. Oceanography, 4(2): 393-396, fig. 17b. (Macrouridae). Paratypes: 19331 (7) (formerly TABL 102026), 19332 (4) (formerly TABL 102027).
- elongata*, *Starksia*, Gilbert. 1971b. Quart. J. Fla. Acad. Sci., 33(3): 195-200, fig. 1a. (Clinidae). Holotype: 14134.
- evelynae*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 103-109, fig. 10. (Gobiidae). Paratypes: 11522 (1), 11557 (1), 11667 (1), 13398 (1), 13449 (1), 13797 (3), 15428 (4).
- flavus*, *Vomerogobius*, Gilbert. 1971a. Copeia, 1971(1): 35-37, fig. 5. (Gobiidae). Paratypes: 13450 (4).
- freemani*, *Pristipomoides*, Anderson. 1966. Bull. Mar. Sci., 16(4): 816-819, fig. 2. (Lutjanidae). Paratypes: 12525 (5) (formerly TABL uncat., in part), 19288 (2) (formerly TABL uncat.).
- genie*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 109-114, fig. 11. (Gobiidae). Paratypes: 12342 (2) (3 originally; 1 sent to MNHN), 12370 (2), 13660 (1), 14520 (2), 14470 (2), 15429 (3).
- georgei*, *Argentina*, Cohen and Atsaiades. 1969. Fish. Bull. National Oceanic and Atmospheric Admin., 68(1): 27-29, fig. 11. (Argentinidae). Paratype: 1350 (1).
- geronimo*, *Coelorhynchus coelorhynchus*, Marshall and Iwamoto. 1973. Mem. Sears Foun. Mar. Res., 1(6): 554-556, fig. 14. (Macrouridae). Paratypes: 19522 (6) (formerly TABL 107678).
- gibbsi*, *Notropis*, Howell and Williams. 1971. Copeia, 1971(1): 55-64, fig. 1 (top). (Cyprinidae). Paratypes: 15933 (28).
- gilberti*, *Opistognathus*, Böhlke. 1967b. Notulae Naturae, 407: 1-12, fig. 1. (Opistognathidae). Holotype: 13985. Paratypes: 13432 (3), 13627 (1), 13692 (1), 13713 (4), 13733 (4), 13986 (female allotype).
- goslinei*, *Calamopteryx*, Böhlke and Cohen. 1966. Notulae Naturae, 396: 1-7, fig. 3. (Brotulidae). Paratypes: 12340 (1), 12341 (2).
- greenfieldi*, *Acanthemblemaria*, Smith-Vaniz and Palacio. 1974. Proc. Acad. Nat. Sci. Phila., 125(11): 210-212, figs. 2c-d. (Clinidae). Paratypes: 19265 (4), 19267 (3), 19269 (17), 19270 (9), 19271 (2).
- greyae*, *Peristedion*, Miller. 1967. Bull. Mar. Sci., 17(1): 27-40, figs. 5-6. (Peristediidae). Paratypes: 19327 (2) (formerly TABL 106977), 19328 (5) (formerly TABL uncat.).
- gymnorhinus*, *Citharichthys*, Gutherz and Blackman. 1970. Copeia, 1970(2): 345-347, fig. 5. (Bothidae). Paratypes: 19293 (1) (formerly TABL 105455), 19294 (2) (formerly TABL 105456), 19295 (2) (formerly TABL 105457).
- helenae*, *Ioglossus*, Randall. 1968. Ichthyologica, 39(3-4): 107-116, figs. 1-2. (Gobiidae). Paratypes: 13370 (3).
- hubbsi*, *Cyprinodon*, Carr. 1936. Copeia, 1936(3): 160-163, fig. 1. (Cyprinodontidae). Paratypes: 177 (7), 543 (14), 1785 (11).
- hypsilepis*, *Notropis*, Suttkus and Raney. 1955. Tulane Stud. in Zool., 2(7): 161-170, figs. 1-2. (Cyprinidae). Paratypes: 14610 (3) (ex UMMZ 136086).
- leptocaulus*, *Apogon*, Gilbert. 1972. Proc. Biol. Soc. Wash., 85(36): 419-425, fig. 1. (Apogonidae). Holotype: 17287.
- leptocirris*, *Emblemariopsis*, Stephens. 1970. Copeia, 1970(2): 289-291, fig. 6. (Clinidae). Paratypes: 12454 (1), 12456 (1), 12460 (1), 12462 (2), 12768 (1).
- louisae*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 90-94, fig. 7. (Gobiidae). Paratypes: 13399 (1), 13431 (2), 13603 (1), 13624 (1), 13711 (1), 13730 (1), 13754 (1).

- lucayanus*, *Gobiesox*, Briggs. 1963. Copeia, 1963(4): 604-606, fig. 1. (Gobiesocidae). Holotype: 5898. Paratypes: 5899 (1), 9059 (3).
- macrostigmus*, *Rypticus*, Courtenay. 1967. Proc. Acad. Nat. Sci. Phila., 119(6): 261-263, 292-293, figs. 1c, 9, 19. (Grammistidae). Paratypes: 13420 (1), 13441 (1), 13457 (1), 13473 (4).
- maculatus*, *Tetrodon hispidus* var., Bloch and Schneider. 1801. (= *Sphoeroides maculatus*). Systema ichthyologiae iconibus ex illustratus, p. 504. (Tetraodontidae). Neotype: 12303.
- marquesensis*, *Sardinella*, Berry and Whitehead. 1968. Proc. Biol. Soc. Wash., 81(25): 209-221, fig. 1. (Clupeidae). Paratypes: 19281 (3) (formerly TABL 101828), 19282 (7) (formerly TABL 101829), 19283 (2) (formerly TABL 101827), 19284 (39) (formerly TABL 101830), 19285 (26) (formerly TABL 101831).
- medirastre*, *Opisthonema*, Berry and Barrett. 1963. Bull. Inter-American Tropical Tuna Comm., 7(2): 118-119, 160, 161, fig. 1a. (Clupeidae). Paratypes: 19278 (2) (formerly TABL uncat.).
- mekistocholas*, *Notropis*, Snelson. 1971. Copeia, 1971(3): 449-462, figs. 1a-b. (Cyprinidae). Paratypes: 17303 (7).
- melasma*, *Trichopsetta*, Anderson and Gutherz. 1967. Bull. Mar. Sci., 17(4): 906-908, figs. 6-7. (Bothidae). Paratypes: 19315 (1) (formerly TABL uncat.), 19316 (3) (formerly TABL uncat.).
- microctenus*, *Ancylosetta*, Gutherz. 1966. Bull. Mar. Sci., 16(3): 455-461, fig. 2. (Bothidae). Paratypes: 19302 (1) (formerly TABL uncat.), 19303 (2) (formerly TABL uncat.).
- micronychodon*, *Nezumia*, Iwamoto. 1970. Stud. in Trop. Oceanography, 4(2): 385-393, fig. 17a. (Macrouridae). Paratypes: 19329 (1) (formerly TABL 102013), 19330 (1) (formerly TABL 102025), 19524 (3) (formerly TABL 102036).
- milliae*, *Umbrina*, Miller. 1971. Copeia, 1971(2): 300-306, fig. 1. (Sciaenidae). Paratype: 19287 (1) (formerly TABL 107368).
- nanus*, *Derilissus*, Briggs. 1969. Copeia, 1969(2): 332-334, fig. 3. (Gobiesocidae). Holotype: 15932. Paratypes: 13372 (4), 13373 (1).
- nodosus*, *Calamus*, Randall and Caldwell. 1966. Bull. Los Angeles Co. Mus. Nat. Hist., 2: 36-42, fig. 20. (Sparidae). Paratypes: 12504 (1), 19333 (1) (formerly TABL uncat.), 19334 (1) (formerly TABL uncat.).
- nuchalis*, *Kaupichthys*, Böhlke. 1967a. Proc. Acad. Nat. Sci. Phila., 118(4): 95-99, fig. 2. (Xenocoagridae). Paratypes: 12495 (1), 12496 (4), 12497 (1), 12498 (1).
- octoactinus*, *Symphysanodon*, Anderson. 1970. Fish. Bull. National Oceanic and Atmos. Admin., 68(2): 342-345, fig. 5. (Lutjanidae). Paratype: 19291 (1) (formerly TABL 101314).
- oculofrenum*, *Porichthys*, Gilbert. 1968. Bull. Mar. Sci., 18(3): 719-724, figs. 14c, 15a-b. (Batrachoididae). Paratype: 11624 (1).
- oregona*, *Draconetta*, Briggs and Berry. 1959. Copeia, 1959(2): 129-132, fig. 7. (Callionymidae). Paratypes: 5245 (3) (formerly TABL uncat., in part).
- oxyrhynchus*, *Notropis*, Hubbs and Bonham. 1951. Texas J. Sci., 3(1): 93-97; pl. 2, figs. 2-3. (Cyprinidae). Paratypes: 14613 (10) (ex UMMZ 129830).
- parvus*, *Sphoeroides*, Shipp and Yerger. 1969. Proc. Biol. Soc. Wash., 82(38): 477-487, figs. 1a-b, 3b. (Tetraodontidae). Paratypes: 2731 (2), 4437 (8).
- peninsularis*, *Notropis emiliae*, Gilbert and Bailey. 1972. Occ. Pap. Mus. Zool., Univ. Michigan, 664: 23-26, figs. 1b, 2b. (Cyprinidae). Paratypes: 179 (1), 180 (19), 228 (2), 546 (10), 4472 (1), 6258 (33), 6259 (12), 6260 (27), 6261 (35), 6262 (9), 6264 (42), 6265 (42), 6266 (46), 6267 (52), 6268 (5), 6269 (35), 6270 (5), 6271 (13), 6273 (2), 6274 (8), 6275 (140), 6276 (81), 6277 (11), 6279 (2), 6281 (4), 6282 (2), 6284 (17), 6286 (67).
- peratikos*, *Dactylagnus*, Böhlke and Caldwell. 1961. Bull. Mar. Sci. Gulf and Carib-

- bean, 11(4): 537-542, fig. 1. (Dactyloscopidae). Holotype: 7176.
- phenax*, *Apogon*, Böhlke and Randall. 1968. Proc. Acad. Nat. Sci. Phila., 120(4): 192-195, fig. 5. (Apogonidae). Paratypes: 12335 (1), 12336 (1), 12337 (1).
- pillionatus*, *Apogon*, Böhlke and Randall. 1968. Proc. Acad. Nat. Sci. Phila., 120(4): 189-192, fig. 4. (Apogonidae). Paratypes: 13539 (1), 13583 (1), 13771 (1), 13830 (3), 14268 (2).
- platyventris*, *Aprognathodon*, Böhlke. 1967a. Proc. Acad. Nat. Sci. Phila., 118(4): 100-104, fig. 3. (Ophichthidae). Paratypes: 12469 (3).
- poco*, *Adioryx*, Woods. 1965. Notulae Naturae, 377: 1-5, fig. 1. (Holocentridae). Paratype: 12334 (1).
- prochilos*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 97-100, fig. 9. (Gobiidae). Paratype: 15430 (1).
- pseudofasciatus*, *Gobionellus*, Gilbert and Randall, in Gilbert and Kelso. 1971. Bull. Fla. St. Mus., Biol. Sci., 16(1): 44-45, fig. 6a. (Gobiidae). Holotype: 13516. Paratypes: 13517 (1), 13518 (2), 13519 (1), 13520 (1).
- pygmaeus*, *Glossanodon*, Cohen. 1958. Bull. Fla. St. Mus., Biol. Sci., 3(3): 156-159, fig. 9. (Argentinidae). Paratypes: 8027 (2).
- randalli*, *Acanthurus*, Briggs and Caldwell. 1957. Bull. Fla. St. Mus., Biol. Sci., 2(4): 43-51, fig. 1. (Acanthuridae). Holotype: 5394. Paratypes: 5400 (2), 5416 (14).
- randalli*, *Gobiosoma*, Böhlke and Robins. 1968. Proc. Acad. Nat. Sci. Phila., 120(3): 94-97, fig. 8. (Gobiidae). Paratypes: 15431 (2).
- ribeiroi*, *Bellator*, Miller. 1965. Quart. J. Fla. Acad. Sci., 28(3): 259-266, figs. 1a, 2a, 3a. (Triglidae). Paratypes: 19296 (4) (formerly TABL uncat.), 19297 (1) (formerly TABL uncat.).
- robinsi*, *Apogon*, Böhlke and Randall. 1968. Proc. Acad. Nat. Sci. Phila., 120(4): 186-189, fig. 3. (Apogonidae). Paratype: 12338 (1).
- rocensis*, *Eupomacentrus*, Emery. 1972. Copeia, 1972(2): 330-335, figs. 1-2. (Pomacentridae). Paratypes: 19286 (4) (formerly TABL 100816).
- saepepallens*, *Gobionellus*, Gilbert and Randall. 1968. Notulae Naturae, 411: 1-8, fig. 1. (Gobiidae). Paratypes: 11304 (7), 12759 (1), 13521 (24) (25 originally; 1 sent to MNHN), 13522 (5), 13523 (2), 14008 (2).
- scotti*, *Chromis*, Emery. 1968. Copeia, 1968(1): 49-55, figs. 1, 4c-d. (Pomacentridae). Paratype: 13968 (1).
- serracanthus*, *Ictalurus*, Yergler and Relyea. 1968. Copeia, 1968(2): 373-379, fig. 4. (Ictaluridae). Paratypes: 6334 (4), 12507 (7).
- springeri*, *Hypleurochilus*, Randall. 1966. Proc. Biol. Soc. Wash., 79(9): 65-71, fig. 1c. (Blenniidae). Paratypes: 10884 (2), 11354 (1), 11408 (2), 12275 (2), 12276 (1), 12277 (1).
- starcki*, *Starksia*, Gilbert. 1971b. Quart. J. Fla. Acad. Sci., 33(3): 200-203, figs. 1b-c. (Clinidae). Holotype: 10874. Paratypes: 16188 (1), 17279 (1).
- tabl*, *Decapterus*, Berry. 1968. Contr. in Mar. Sci., 13: 152-158, fig. 1. (Carangidae). Paratypes: 19628 (12) (formerly TABL 103024), 19629 (1) (formerly TABL 103026), 19630 (1) (formerly TABL 103004), 19631 (2) (formerly TABL 103027), 19632 (1) (formerly TABL 101723), 19633 (2) (formerly TABL 101476).
- tortuguerae*, *Hyphessobrycon*, Böhlke. 1958. Bull. Fla. St. Mus., Biol. Sci., 3(4): 173-178, fig. 1. (Characidae). Holotype: 5741. Paratypes: 5836 (3).
- tropidolepis*, *Dikellorhynchus*, Berry. 1958. (= *Malacanthus plumieri*). Copeia, 1958(2): 116-125, figs. 1-4. (Branchiostegidae). Paratype: 19626 (1) (formerly TABL uncat.).
- uranidea*, *Gillellus*, Böhlke. 1968a. Notulae Naturae, 414: 9-13, fig. 4. (Dactyloscopidae). Paratypes: 15654 (2).
- vanhyningi*, *Labidesthes*, Bean and Reid. 1930. (= *Labidesthes sicculus vanhyningi*). Proc. Biol. Soc. Wash., 43(32): 193-194. (Atherinidae). Paratypes: 18943 (5).

- xenus*, *Apogon*, Böhlke and Randall. 1968. (= *Phaeoptyx xenus*). Proc. Acad. Nat. Sci. Phila., 120(4): 197-202, fig. 6. (Apogonidae). Paratypes: 11809 (1), 11827 (1), 11851 (4) (5 originally; 1 sent to MNHN), 13966 (1).
y-lineata, *Starksia*, Gilbert. 1965. Notulae Naturae, 379: 1-6, fig. 1c. (Clinidae). Paratypes: 10736 (11) (12 originally; 1 sent to MNHN), 12270 (1), 12271 (2), 12272 (6) (8 originally; 2 sent to LACM), 12273 (7), 12274 (5).

RECENT AMPHIBIANS AND REPTILES

STEVEN P. CHRISTMAN

The collection of recent amphibians and reptiles contains approximately 50,000 specimens, including 406 types. There are 33 holotypes and 373 paratypes, comprising 115 different taxa.

In the following list the amphibians and reptiles are treated separately. Within these respective classes the taxa are treated in strict alphabetical sequence, regardless of family. The following abbreviations are used: ERA-WTN (collections of E. Ross Allen and Wilfred T. Neill), MCZ (Museum of Comparative Zoology, Harvard University), PM (Peabody Museum, Yale University), TCWC (Texas Cooperative Wildlife Collection), and WTN and WTN-US (collections of Wilfred T. Neill).

A more detailed, mimeographed herpetological type catalogue is also being prepared.

RECENT AMPHIBIANS

- alleni*, *Hyla*, Goin. 1957. J. Wash. Acad. Sci., 47(2): 60-61, fig. 1. (Hylidae). Holotype: 8501. Paratype: 8502 (1).
allogynus, *Hyperolius leucotaenius*, Laurent. 1952. Rev. Zool. Bot. Afr., 46(1-2): 34. (Hyperoliidae). Paratypes: 29218-29219 (2).
aquatica, *Eurycea*, Rose and Bush. 1963. Tulane Stud. in Zool., 10(2): 121-128, fig. 1. (Plethodontidae). Paratypes: 14907-14908 (2) (14909 [1 specimen] sent as gift to MCZ).
axanthus, *Pseudobranchius striatus*, Netting and Goin. 1942. Ann. Carnegie Mus., 29: 183-195, figs. 1-2. (Sirenidae). Paratypes: 1142.1-2 (2).
bishopi, *Ambystoma cingulatum*, Goin. 1950. Ann. Carnegie Mus., 14: 300-307; pl. 1, fig. 3. (Ambystomatidae). Paratypes: 17521-17529 (9), 17531-17537 (7), 17539-17541 (3) (17530, 17538, and 17542 sent as gift to MCZ) (formerly ERA-WTN 14044).
boesemani, *Hyla*, Goin. 1966. Zoologische Mededelingen, 41(15): 229-232, fig. 1. (Hylidae). Paratype: 22367 (1).
bogerti, *Hyperolius lateralis*, Laurent. 1952. Rev. Zool. Bot. Afr., 46(3-4): 277-278. (Hyperoliidae). Paratypes: 28271-28272 (2).
carri, *Desmognathus fuscus*, Neill. 1951. (= *Desmognathus auriculatus*). Publ. Res. Div. Ross Allen's Rep. Inst., 1(3): 25-28, fig. 1. (Plethodontidae). Paratypes: 2962.1-2 and 2963 (3), 3036.1 (1), 17446-17463 (18) (formerly ERA-WTN 14197-14214).
chrysogaster, *Hyperolius*, Laurent. 1950. Rev. Zool. Bot. Afr., 44(1): 13-14. (Hyperoliidae). Paratypes: 28277-28278 (2).
constellatus, *Hyperolius castaneus*, Laurent. 1951. Rev. Zool. Bot. Afr., 44(4): 369-371. (Hyperoliidae). Paratypes: 28273-28274 (2).
coqui, *Eleutherodactylus*, Thomas. 1965. Quart. J. Fla. Acad. Sci., 28(4): 376-386, figs. 1-3. (Leptodactylidae). Paratypes: 21283-21307 (24).

- cupreonitens*, *Chrysobatrachus*, Laurent. 1951. Rev. Zool. Bot. Afr., 44(4): 378-381. (Hyperoliidae). Paratypes: 27884-27885 (2).
- cyaneops*, *Hyperolius lateralis*, Laurent. 1950. Rev. Zool. Bot. Afr., 44(1): 8. (Hyperoliidae). Paratypes: 28285-28286 (2).
- desaegeri*, *Rana*, Laurent. 1972. Explor. Parc National des Virungas, 22(2): 91; pl. 1, fig. 3; pl. 2; pl. 4, fig. 2. (Ranidae). Paratypes: 29292-29293 (2).
- dorisae*, *Sphoerohyla*, Goin. 1958. (= *Sphaenorhynchus dorisae*). Caldasia, 8(36): 16, fig. 1. (Hylidae). Holotype: 8506. Paratypes: 8507 (5).
- euphronides*, *Eleutherodactylus urichi*, Schwartz. 1967c. Natuurw. Studkring Suriname, 46: 6, fig. 1. (Leptodactylidae). Paratypes: 21494-21498 (5).
- flavigula*, *Hyla*, Glass. 1946. (= *Hyla squirella*). Herpetologica, 3(3): 101-103. (Hylidae). Holotype: 17387 (formerly TCWC 1190). Paratypes: 17388-17390 (3) (formerly TCWC 1191, 1193-1194).
- floridanus*, *Pseudotriton montanus*, Netting and Goin. 1942. Ann. Carnegie Mus., 29: 175-183, fig. 5. (Plethodontidae). Paratypes: 598 (allotype), 599 (1), 641 (1), 692 (1).
- frontalis*, *Hyperolius*, Laurent. 1950. Rev. Zool. Bot. Afr., 44(1): 11-13. (Hyperoliidae). Paratypes: 28275-28276 (2).
- furcyensis*, *Eleutherodactylus*, Shreve and Williams. 1963. Bull. Mus. Comp. Zool., 129(5): 329-331, pls. 2-3. (Leptodactylidae). Paratypes: 12517 (3) (formerly MCZ 34319, 34360-34361).
- grobmani*, *Plethodon glutinosus*, Allen and Neill. 1949. (= *Plethodon glutinosus glutinosus*). Herpetologica, 5(6): 112-114. (Plethodontidae). Holotype: 16267 (formerly ERA-WTN 19220).
- guibei*, *Hyperolius lateralis*, Laurent. 1951. Rev. Zool. Bot. Afr., 44(4): 373-374. (Hyperoliidae). Paratypes: 28279-28280 (2).
- habra*, *Sphoerohyla*, Goin. 1958. (= *Sphaenorhynchus habrus*). Caldasia, 8(36): 18, fig. 2. (Hylidae). Holotype: 8508. Paratypes: 8504 (4).
- hemivota*, *Eleutherodactylus bakeri*, Shreve and Williams. 1963. Bull. Mus. Comp. Zool., 129(5): 325-326, pl. 1. (Leptodactylidae). Paratypes: 12519 (4).
- huldae*, *Plethodon*, Grobman. 1949. (= *Plethodon cinereus cinereus*). Proc. Biol. Soc. Wash., 62(25): 135-142. (Plethodontidae). Paratypes: 2208-2209 (2).
- hybridus*, *Hyperolius viridiflavus*, Laurent. 1951. Rev. Zool. Bot. Afr., 44(4): 375-376. (Hyperoliidae). Paratypes: 28269-28270 (2).
- intermedius*, *Hyperolius karissimbienensis*, Laurent. 1950. (= *Hyperolius verdiflavus intermedius*). Rev. Zool. Bot. Afr., 44(1): 11. (Hyperoliidae). Paratypes: 28267-28268 (2).
- laynei*, *Hyla*, Goin. 1957. J. Wash. Acad. Sci., 47(2): 60-63, fig. 1. (Hylidae). Holotype: 8503. Paratypes: 8504 (1, not located), 8505 (1).
- lustricolus*, *Pseudobranchius striatus*, Neill. 1951. Publ. Res. Div. Ross Allen's Rep. Inst., 1(4): 39-46, fig. 1. (Sirenidae). Holotype: 16266 (formerly ERA-WTN 14215).
- oliveae*, *Hyla*, Goin. 1970. Bull. U. S. Nat. Mus., 228: 304-306, fig. 34. (Hylidae). Holotype: 8555.
- pholeter*, *Amphiuma*, Neill. 1964. Herpetologica, 20(1): 62-66, fig. 1b. (Amphiumidae). Holotype: 17655 (formerly WTN-US 2675). Paratypes: 573 (1), 7755.1 (1) (1 specimen sent as gift to MCZ).
- pictus*, *Callisaurus*, Laurent. 1950. Rev. Zool. Bot. Afr., 44(1): 6-7. (Hyperoliidae). Paratypes: 27886-27887 (2).
- pinchoni*, *Eleutherodactylus*, Schwartz. 1967. Natuurw. Studkring Suriname, 46: 45, fig. 5. (Leptodactylidae). (Paratypes: 21502-21503 (2)).
- poelzi*, *Oedipina*, Brame. 1963. Los Angeles Co. Mus., Contr. in Sci., 65: 1-12, figs. 1b, 3. (Plethodontidae). Paratypes: 10456-10458 (3).
- polycentratus*, *Plethodon cinereus*, Highton and Grobman. 1956. Herpetologica, 12(4): 185-187. (Plethodontidae). Holotype: 8376. Paratypes: 8377-8391 (15).

- poppei*, *Plethodon richmondi*, Highton and Grobman. 1956. (= *Plethodon richmondi richmondi*). Herpetologica, 12(4): 187-188. (Plethodontidae). Holotype: 8226. Paratypes: 8005 (1), 8321-8322 (2), 8328 (1), 8334 (1).
- pulcherimus*, *Hyperolius lateralis*, Laurent. 1952. Rev. Zool. Bot. Afr., 46(3-4): 278-279. (Hyperoliidae). Paratypes: 28283-28284 (2).
- ruandae*, *Kassina argyreivittis*, Laurent. 1956. Folia Scientifica Africae Centralis, 2(2): 18. (Hyperoliidae). Paratypes: 28287-28288 (2).
- ruwenzorica*, *Rana*, Laurent. 1972. Explor. Parc National des Virungas, 22(2): 93; pl. 1, fig. 4; pl. 3; pl. 4, fig. 3; pl. 5, fig. 2. (Ranidae). Paratypes: 28290-28291 (2).
- shenandoah*, *Plethodon richmondi*, Highton and Worthington. 1967. (= *Plethodon nettingi shenandoah*). Copeia, 1967(3): 617-626. (Plethodontidae). Paratypes: 21491-21492 (2).
- shrevei*, *Eleutherodactylus urichi*, Schwartz. 1967. Natuurw. Studkring Suriname, 46: 45, fig. 2. (Leptodactylidae). Paratypes: 21500-21501 (2).
- spheniscus*, *Pseudobranchius striatus*, Goin and Crenshaw. 1949. Ann. Carnegie Mus., 31: 277-280. (Sirenidae). Paratypes: 52 (1, not located), 1855 (1).
- submarginatus*, *Hyperolius castaneus*, Laurent. 1952. Rev. Zool. Bot. Afr., 46(1-2): 31-34. (Hyperoliidae). Paratypes: 28281-28282 (2).
- uluguruensis*, *Scolecophorus*, Barbour and Loveridge. 1928. (= *Scolecophorus kirki uluguruensis*). Mem. Mus. Comp. Zool., 50: 180. (Caeciliidae). Paratype: 11973 (1) (formerly MCZ 12212).

RECENT REPTILES

- actites*, *Leiocephalus personatus*, Schwartz. 1967. Tulane Stud., in Zool., 14(1): 14-16, fig. 5d. (Iguanidae). Paratypes: 21338-21342 (5).
- aequorea*, *Ameiva taeniura*, Schwartz. 1967. Bull. Mus. Comp. Zool., 135(6): 353-354. (Teiidae). Paratypes: 21321-21323 (3).
- agraulus*, *Leiocephalus personatus*, Schwartz. 1967. Tulane Stud. in Zool., 14(1): 21-23. (Iguanidae). Paratypes: 21328-21334 (7).
- alpinus*, *Thamnophis proximus*, Rossman. 1963. Bull. Fla. St. Mus., Biol. Sci., 7(3): 140-141. (Colubridae). Holotype: 12216.
- alter*, *Anolis*, Williams. 1962. Bull. Mus. Comp. Zool., 127(9): 463-465. (Iguanidae). Holotype: 12457. Paratypes: 12458 (4), 12459-12460 (2).
- arenicolor*, *Stilosoma extenuatum*, Highton. 1956. Bull. Fla. St. Mus., Biol. Sci., 1(2): 86-88. (Colubridae). Holotype: 1574.
- ateles*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 210-213, fig. 3a. (Gekkonidae). Paratypes: 21256-21258 (3).
- atessares*, *Sphaerodactylus decoratus*, Thomas and Schwartz. 1966. Brigham Young Univ. Sci. Bull., 7(4): 8-9, fig. 5. (Gekkonidae). Paratypes: 21504-21509 (6).
- barbouri*, *Graptemys*, Carr and Marchand. 1942. Proc. New England Zool. Club, 20: 95-100, figs. 14-15. (Emydidae). Paratypes: Five unnumbered paratypes, said to be deposited in the Florida State Museum, have not been located.
- cabritensis*, *Anolis oculatus*, Lazell. 1962. Bull. Mus. Comp. Zool., 469-470, pl. 1. (Iguanidae). Paratypes: 19027-19028 (2) (formerly MCZ 60236-60237).
- carrinegra*, *Chelonia mydas*, Caldwell. 1962. Los Angeles Co. Mus., Contr. in Sci., 61: 4-22, figs. 1-5. (Chelonidae). Paratype: 16789 (1).
- caryae*, *Anolis marmoratus*, Lazell. 1964. Bull. Mus. Comp. Zool., 131(11): 394-395. (Iguanidae). Paratype: 19036 (1) (formerly MCZ 70686).
- chrysea*, *Deirochelys reticularia*, Schwartz. 1956. Fieldiana (Zool.), 34(41): 476-486, figs. 105-106. (Emydidae). Paratypes: 7219-7220 (2).
- chrysops*, *Anolis marmoratus*, Lazell. 1964. Bull. Mus. Comp. Zool., 131(11): 389-390. (Iguanidae). Paratype: 19043 (1) (formerly MCZ 70665).

- dapsilis*, *Anolis distichus*, Schwartz. 1968. Bull. Mus. Comp. Zool., 137(2): 270-271. (Iguanidae). Paratypes: 21526-21533 (8).
- delticola*, *Graptemys nigrinoda*, Folkerts and Mount. 1969. Copeia, 1969(4): 677-682, figs. 2, 4. (Emydidae). Holotype: 26238.
- diabolicus*, *Thamnophis proximus*, Rossman. 1963. Bull. Fla. St. Mus., Biol. Sci., 7(3): 135-138. (Colubridae). Holotype: 12210.
- flavillarus*, *Anolis distichus*, Schwartz. 1968. Bull. Mus. Comp. Zool., 137(2): 289-291, pl. 2. (Iguanidae). Paratypes: 21516-21517 (2).
- floridana*, *Natrix cyclopion*, Goff. 1936. Occ. Pap. Mus. Zool. Univ. Mich., 327: 1-9. (Colubridae). Paratypes: 2371 (1), 17386 (1).
- geotomus*, *Typhlops monastus*, Thomas. 1966. Proc. Biol. Soc. Wash., 79(35): 260-265. (Typhlopidae). Paratypes: 11376 (1), 11395 (1), 21512-21513 (2).
- girafus*, *Anolis marmoratus*, Lazell. 1964. Bull. Mus. Comp. Zool., 131(11): 377-380, figs. 8.1-8.3. (Iguanidae). Paratypes: 19039-19040 (2) (formerly MCZ 71276-71277).
- goini*, *Lampropeltis getulus*, Neill and Allen. 1949. Herpetologica, 5(5, special): 101-106, figs. 1-8. (Colubridae). Holotype: 16263 (formerly WTN 19211).
- gonavensis*, *Amphisbaena innocens*, Gans and Alexander. 1962. Bull. Mus. Comp. Zool., 128(3): 111-113, figs. 20-21. (Amphisbaenidae). Paratypes: 17515-17516 (2) (formerly PM 3389 and 3387).
- gonavensis*, *Typhlops*, Richmond. 1964. Breviora, 202: 1-12. (Typhlopidae). Paratypes: 11376 (1), 11395 (1), 21512-21513 (2).
- guarionex*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 217-220, fig. 3b. (Gekkonidae). Paratypes: 21262-21264 (4).
- helvigeris*, *Coluber constrictor*, Auffenberg. 1955. Tulane Stud. in Zool., 2(6): 105-108. (Colubridae). Paratypes: 1496-1497 (2).
- hypsistus*, *Leiocephalus melanochlorus*, Schwartz. 1965. J. Ohio Herp. Soc., 5(2): 44-45. (Iguanidae). Paratypes: 21308-21317 (10).
- inigo*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 220-224, fig. 3c. (Gekkonidae). Paratypes: 21265-21270 (6).
- insularis*, *Eumeces egregius*, Mount. 1965. Bull. Fla. St. Mus., Biol. Sci., 9(5): 209-210. (Scincidae). Holotype: 12598.4.
- juanilloensis*, *Sphaerodactylus notatus*, Shreve. 1968. Breviora, 280: 8, fig. 1c. (Gekkonidae). Paratypes: 21970-21975 (6).
- kahouenensis*, *Anolis marmoratus*, Lazell. 1964. Bull. Mus. Comp. Zool., 131(11): 382-384. (Iguanidae). Paratypes: 19045 (1) (formerly MCZ 70803).
- lewisi*, *Leiocephalus lunatus*, Schwartz. 1969. J. Herp., 3(1-2): 79-85. (Iguanidae). Paratypes: 21536-21539 (4).
- lineapiatus*, *Liodytes alleni*, Auffenberg. 1950. (= *Regina alleni*). Herpetologica, 6(1): 13-16, figs. 1-3. (Colubridae). Paratypes: 18127 (1).
- lividus*, *Eumeces egregius*, Mount. 1965. Bull. Fla. St. Mus., Biol. Sci., 9(5): 209-210. (Scincidae). Holotype: 12642.1.
- mabila*, *Natrix septemvittata*, Neill. 1963. (= *Regina septemvittata*). Herpetologica, 19(1): 1-9, fig. 1. (Colubridae). Holotype: 16265 (formerly WTN-US 2554).
- mimetus*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 208-210, fig. 2c. (Gekkonidae). Paratypes: 21252-21255 (4).
- monastus*, *Typhlops monastus*, Thomas. 1966. Proc. Biol. Soc. Wash., 79(35): 257-260, fig. 1. (Typhlopidae). Paratypes: 21510-21511 (2).
- montanus*, *Anolis oculatus*, Lazell. 1962. Bull. Mus. Comp. Zool., 127(9): 470-471. (Iguanidae). Paratypes: 19025-19026 (2) (formerly MCZ 65944, 65955).
- multistictum*, *Stilosoma extenuatum*, Highton. 1956. Bull. Fla. St. Mus., Biol. Sci., 1(2): 88-89. (Colubridae). Holotype: 8088. Paratypes: 396 (1), 1571 (1).

- neilli*, *Tantilla relicta*, Telford. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(7): 279-280, fig. 7d. (Colubridae). Holotype: 12406. Paratypes: 1047 (1), 9586 (1), 3586 (1), 7973.1-2 (2), 12404 (1).
- nelsoni*, *Pseudemys*, Carr. 1938. (= *Chrysemys nelsoni*). Occ. Pap. Boston Soc. Nat. Hist., 8: 305-310, fig. 1. (Emydidae). Paratype: 1748 (1).
- nitae*, *Thamnophis sauritus*, Rossman. 1963. Bull. Fla. St. Mus., Biol. Sci., 7(3): 163-165. (Colubridae). Holotype: 12150.2.
- oolitica*, *Tantilla*, Telford. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(7): 281-285, fig. 7b. (Colubridae). Holotype: 17326. Paratype: 17325 (1).
- oxygaster*, *Leiocephalus barahonensis*, Schwartz. 1967. Tulane Stud. in Zool., 14(1): 36-39, figs. 10a, 11b. (Iguanidae). Paratypes: 21335-21337 (3).
- paludicola*, *Coluber constrictor*, Auffenberg and Babbitt. 1953. Copeia, 1953(1): 44-45. (Colubridae). Paratype: 606 (1, not located).
- pamlica*, *Tantilla relicta*, Telford. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(7): 280-281, fig. 7e. (Colubridae). Holotype: 12430.2. Paratypes: 12430.1 (1), 12423 (1).
- parcus*, *Sphaerodactylus macrolepis*, King. 1962. Bull. Fla. St. Mus., Biol. Sci., 7(1): 16-18, figs. 5-6. (Gekkonidae). Holotype: 10034.1. Paratypes: 10034.2-11 (10), 10035 (1), 10036 (6), 10037 (2).
- paucimaculata*, *Natrix harteri*, Tinkle and Conant. 1961. Southwestern Naturalist, 6(1): 35-44, figs. 1-2. (Colubridae). Paratypes: 14906.1-14906.2 (2).
- peninsularis*, *Pseudemys floridana*, Carr. 1938. (= *Chrysemys floridana peninsularis*). Copeia, 1938(3): 105-108. (Emydidae). Paratypes: 951 (1), 1685 (1).
- phoberus*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 204-207, fig. 2b. (Gekkonidae). Paratypes: 21242-21251 (10).
- platyceps*, *Xenosaurus*, King and Thompson. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(2): 113-115, fig. 4. (Xenosauridae). Paratype: 25005 (1).
- ravitergum*, *Anolis distichus*, Schwartz. 1968. Bull. Mus. Comp. Zool., 137(2): 287-289, pl. 2. (Iguanidae). Paratypes: 21514-21515 (2).
- regnatrix*, *Ameiva taeniura*, Schwartz. 1967. Bull. Mus. Comp. Zool., 135(6): 351-353. (Teiidae). Paratypes: 21318-21320 (3).
- relicta*, *Tantilla relicta*, Telford. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(7): 278-279, fig. 7c. (Colubridae). Holotype: 12421. Paratypes: 12418-12420 (3), 12424 (1), 12429.1-2 (2).
- rossalleni*, *Elaphe obsoleta*, Neill. 1949. Herpetologica, 5 (2nd suppl): 1-12. (Colubridae). Holotype: 16264 (formerly WTN 18881).
- rubrilineatus*, *Thamnophis proximus*, Rossman. 1963. Bull. Fla. St. Mus., Biol. Sci., 7(3): 134-135. (Colubridae). Holotype: 12188.3.
- sabulicolor*, *Ameiva auber*, Schwartz. 1970. Ann. Carnegie Mus., 41(4): 94-97. (Teiidae). Paratype: 21879 (1).
- seamani*, *Sphaerodactylus beattyi*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 252-253, fig. 10b. (Gekkonidae). Paratypes: 21277-21282 (6).
- seminola*, *Farancia erythrogramma*, Neill. 1964. Amer. Midl. Nat., 71(2): 270-272, figs. 3-4. (Colubridae). Holotype: 19416 (formerly WTN-US 2586).
- septentrionalis*, *Thamnophis sauritus*, Rossman. 1963. Bull. Fla. St. Mus., Biol. Sci., 7(3): 159-161. (Colubridae). Holotype: 12179.2.
- setosus*, *Anolis marmoratus*, Lazell. 1964. Bull. Mus. Comp. Zool., 131(11): 380-382. (Iguanidae). Paratypes: 19030-19031 (2) (formerly MCZ 10414-10415).
- similis*, *Eumeces egregius*, McConkey. 1957. Bull. Fla. St. Mus., Biol. Sci., 2(2): 17-18. (Scincidae). Holotype: 7647.
- similis*, *Thamnophis sirtalis*, Rossman. 1965. Proc. La. Acad. Sci., 27: 67-73. (Colubridae). Holotype: 15962. Paratypes: 12507-12511 (5), 16799 (1), 16865 (1).

- spanius*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 214-217. (Gekkonidae). Paratypes: 21259-21260 (2).
- stibarus*, *Sphaerodactylus macrolepis*, Thomas and Schwartz. 1966. Bull. Fla. St. Mus., Biol. Sci., 10(6): 201-204. (Gekkonidae). Paratypes: 21271-21276 (6).
- suppar*, *Anolis distichus*, Schwartz. 1968. Bull. Mus. Comp. Zool., 137(2): 295-297, pl. 2. (Iguanidae). Paratypes: 21525-21526 (2).
- suwanniensis*, *Pseudemys floridana*, Carr. 1937. (= *Chrysemys floridana suwanniensis*). Occ. Pap. Mus. Zool. Univ. Mich., 348: 1-7, pls. 1-2. (Emydidae). Paratype: 667 (1).
- trachodes*, *Leiocephalus personatus*, Schwartz. 1967. Tulane Stud. in Zool., 14(1): 11-14, fig. 3c. (Iguanidae). Paratypes: 21325-21327 (3).
- vinosus*, *Anolis distichus*, Schwartz. 1968. Bull. Mus. Comp. Zool., 137(2): 293-295, pl. 2. (Iguanidae). Paratypes: 21518-21523 (6).
- vulcanalis*, *Ameiva taeniura*, Schwartz. 1967. Bull. Mus. Comp. Zool., 135(6): 358-361. (Teiidae). Paratype: 21324 (1).
- winstoni*, *Anolis oculatus*, Lazell. 1962. Bull. Mus. Comp. Zool., 127(9): 472-473, pl. 2. (Iguanidae). Paratypes: 19033-19034 (2) (formerly MCZ 60481-60482).

RECENT MAMMALS

STEPHEN R. HUMPHREY

- allophrys*, *Peromyscus polionotus*, Bowen. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(1): 18-19, figs. 5(p,s), 7(p,s), 10(v), 12(v), 20(b,d), 21(e,f), 23(ALL 588, ALL 1893, ALL 1924), 25-28. (Cricetidae). Holotype: 8522. Paratypes: 8523 (1), 8524 (1), 8525 (1).
- ammobates*, *Peromyscus polionotus*, Bowen. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(1): 16-17, figs. 5(p,s), 10(u-4), 11(u-4), 20(b,c), 25-27. (Cricetidae). Holotype: 8520.
- sumneri*, *Peromyscus polionotus*, Bowen. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(1): 20, figs. 26-28. (Cricetidae). Holotype: 8526.
- trissyllepsis*, *Peromyscus polionotus*, Bowen. 1968. Bull. Fla. St. Mus., Biol. Sci., 12(1): 17-18, figs. 5(s,s+t), 7, 10(w), 21(h,i), 24(s,s+t), 26-27. (Cricetidae). Holotype: 8521.

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