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## MAMMALS FROM BRITISH HONDURAS, MEXICO, JAMAICA AND HAITI

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Substantial advances in our knowledge of the fauna of the Caribbean area are direct results of studies and collections made by Ivan T. Sanderson, capably assisted by his wife, Alma. With financial support from the Percy Sladen Memorial Fund administered by the Linnaean Society of London, and with the co-operation of the British Museum, the Sandersons sailed for the West Indies in July, 1939. Their collections and observations of animals began in Jamaica. Some bats, to mention only mammals, were taken here. In early September the party moved to Haiti, where more bats and a feral horse were secured. Later in the same month, work was continued in Belize, British Honduras. The next six months were devoted to studies covering the coast of British Honduras from Punta Gorda in the south to the Bahía de Chetumal on the northern border. The specimens preserved include the largest and most representative collection ever made of the mammals of British Honduras. Unfortunately, the rodents, held for shipment after the war, were destroyed by a hurricane. In March, 1940, the Sandersons crossed over into Mexico, continuing their studies in Quintana Roo, Yucatan, and Chiapas until October of the same year.

An interesting and popular account of the scientific journey was published by Mr. Sanderson under the title *Living Treasure* (Viking Press, New York, 1941). Thus, the author's description of the countries and his notes on ecological relationships, habits and methods of capture of animals are preserved in a manner useful to the professional, clear to the amateur, and delightful, diverting and instructive to all. Mr. Sanderson's original drawings represent the animals in an animated style combining charm with accuracy. Page references to accounts and figures of mammals in *Living Treasure* are included in the synonymies of the species in the follow-

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ing report. The amphibians and reptiles collected and described by the Sandersons have been classified by Schmidt (1941).

Previous knowledge of the mammals of British Honduras was almost entirely restricted to material gathered by Adolph Murie and his party in Belize and in El Cayo and Mountain Pine Ridge in western British Honduras. Of 51 kinds of mammals recorded by Murie (1935), approximately 150 specimens representing 26 forms were taken in British Honduras alone.

The Sandersons preserved and entered in their field catalogue a total of 683 mammals from the Caribbean area and 336 specimens reached Chicago Natural History Museum for deposit until they could be safely transshipped to England. In the meantime permission was granted by the authorities of the British Museum (Natural History) for the preparation and publication of this report. The generosity of that institution in permitting Chicago Natural History Museum to retain a selection of 72 mammals from the Sanderson collection is gratefully acknowledged. These specimens are indicated by the abbreviation C.N.H.M. preceding the collector's numbers in the lists of specimens collected. Specimens now in the possession of the British Museum (Natural History) are identified by the abbreviation B.M.

Collecting localities in British Honduras are shown on the map (fig. 127). A selection of recent publications dealing with mammals of Yucatan, British Honduras, and other Central American countries is appended.

### ***Didelphis marsupialis californica* Bennett**

*Didelphis californica* Bennett, 1833, Proc. Zool. Soc. London, p. 40.

*Didelphis marsupialis* Allen (nec Linnaeus), 1901, Bull. Amer. Mus. Nat. Hist., 14: 166—synonymy.

*Did[elphis] mes-americana* Allen (ex Oken), 1902, Bull. Amer. Mus. Nat. Hist., 16: 251, 256.

*Didelphis marsupialis texensis* Allen, 1901, Bull. Amer. Mus. Nat. Hist., 14: 172—type locality, Brownsville, Texas.

*Didelphis marsupialis tabascensis* Allen, 1901, Bull. Amer. Mus. Nat. Hist., 14: 173—type locality, Teapa, Tabasco, Mexico.

*Didelphis richmondi* Allen, 1901, Bull. Amer. Mus. Nat. Hist., 14: 175—type locality, Greytown, Nicaragua.

*Didelphis yucatanensis* Allen, 1901, Bull. Amer. Mus. Nat. Hist., 14: 178—type locality, Chichén Itzá, Yucatan, Mexico.

*Didelphis yucatanensis cozumelae* Merriam, 1901, Proc. Biol. Soc. Washington, 14: 101—type locality, Isla de Cozumel, Yucatan, Mexico.

*Didelphis marsupialis* Sanderson, 1941, Living Treasure, pp. 103, 184, 208, 235.



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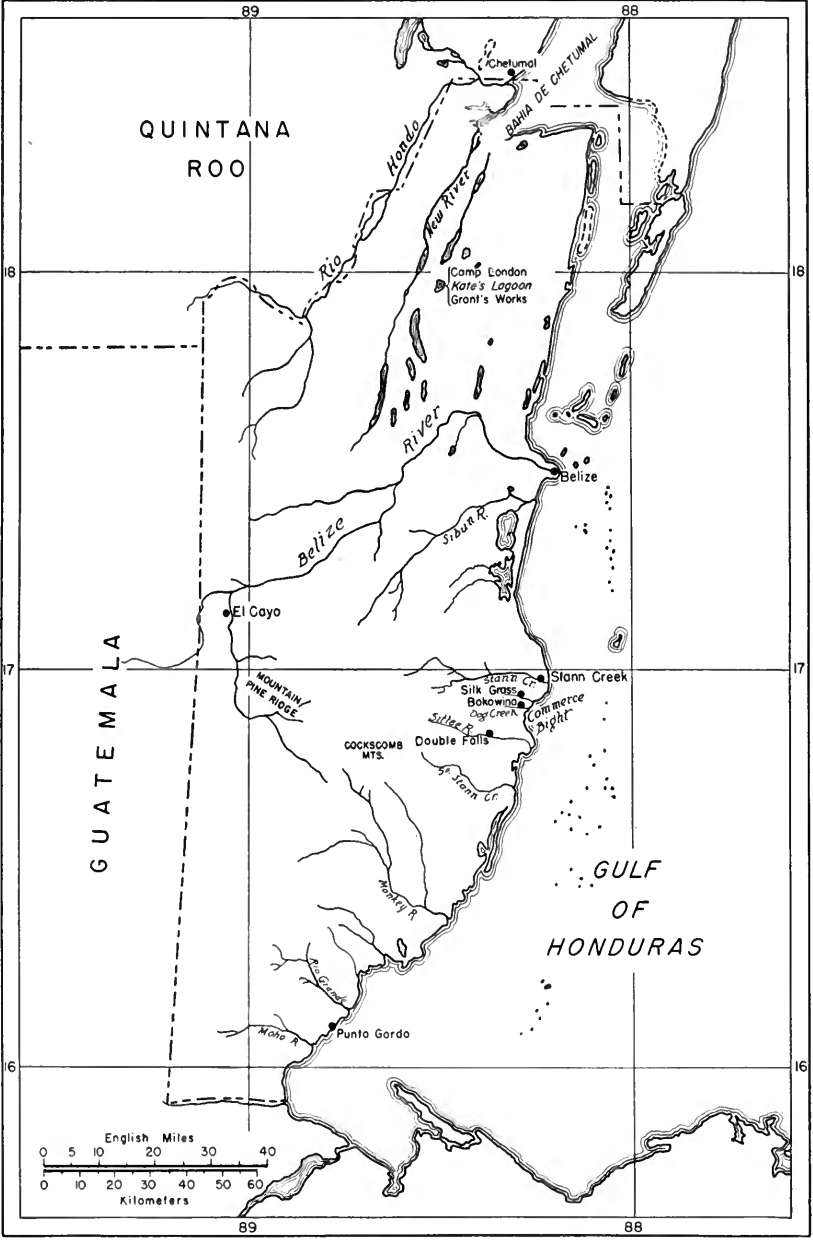


FIG. 127. Map of British Honduras, showing collecting localities.

*Type locality*.—"That part of California which adjoins to Mexico." Here restricted to Sonora, Mexico.

*Specimens collected*.—27 (6 skins with skulls, 1 skin only, 3 skeletons only, 10 skulls only, 7 in alcohol).

BRITISH HONDURAS: Belize (B.M., No. 881); Bokowina (B.M., Nos. 942, 974, 975, 980, 982, 989; C.N.H.M., Nos. 935, 946); Silkgrass (B.M., Nos. 2523, 2529, 2543); Double Falls (B.M., No. 2549); Grant's Works (B.M., Nos. 2562, 2563); Stann Creek Valley (B.M., Nos. 2650, 2656; C.N.H.M., No. 2672); Kate's Lagoon (C.N.H.M., No. 2718).

MEXICO: Chetumal, Quintana Roo (B.M., No. 2735); Chichén Itzá, Yucatan (B.M., Nos. 2815, 2931, 2940, 2954); Chiapa, Tuxtla, Chiapas (C.N.H.M., No. 2828).

*Remarks*.—The genus *Didelphis* is composed of two kinds of opossums. The common black-eared species, *D. marsupialis* Linnaeus, is distributed throughout the tropical zones of South and Central America, abounds in Mexico and the United States, and now is being recorded from southern Canada. The second species, the wholly white-eared *D. azarae* Temminck (*paraguayensis* Allen ex Oken) occurs only in South America, where it is restricted chiefly to the Subtropical and Temperate zones. *D. marsupialis marsupialis* (*etensis* Allen, a synonym) ranges from northern South America into Panama and Costa Rica. From the highlands of Nicaragua northward into Texas, New Mexico, Arizona, and southern California, it is replaced by a slightly paler form for which the earliest available and erstwhile universally applied name is *californica* Bennett.

The extreme limits of the range given here for *californica* are subject to modification. Ostensibly, the existence of a recognizably distinct race intermediate between the saturate Tropical zone *marsupialis* Linnaeus and the pale Temperate zone *virginiana* Kerr (*pigra* Bangs, a synonym) is indicated. Actually, *californica* represents a transitional phase between the two other named races.

### ***Marmosa alstoni nicaraguae* Thomas**

*Marmosa nicaraguae* Thomas, 1905, Ann. Mag. Nat. Hist., (7), 16: 313.

*Marmosa alstoni alstoni* Sanderson, 1941, Living Treasure, p. 171.

*Type locality*.—Bluefields, Nicaragua.

*Specimens collected*.—1 (skin with skull).

BRITISH HONDURAS: Double Falls (C.N.H.M., No. 2550).

**Marmosa canescens canescens** Allen

*Didelphis (Micoureus) canescens* Allen, 1893, Bull. Amer. Mus. Nat. Hist., 5: 235.

*Marmosa gaumeri* Osgood, 1913, Proc. Biol. Soc. Washington, 26: 175—type locality, Yaxcaba, southwest of Chichén Itzá, Yucatan.

*Type locality*.—Santo Domingo de Guzmán, Isthmus of Tehuantepec, Oaxaca, Mexico.

*Specimens collected*.—1 (skin with skull).

MEXICO: Chichén Itzá, Yucatan (C.N.H.M., No. 2984).

**Marmosa mexicana mayensis** Osgood

*Marmosa mayensis* Osgood, 1913, Proc. Biol. Soc. Washington, 26: 176; Sanderson, 1941, Living Treasure, p. 100 and fig. opp.

*Marmosa mexicana mayensis* Tate, 1933, Bull. Amer. Mus. Nat. Hist., 66: 135—part (not "*Marmosa gaumeri* Gaumer"=*M. canescens*).

*Type locality*.—Izamal, Yucatan, Mexico.

*Specimens collected*.—11 (4 skins with skulls, 1 skeleton only, 2 skulls only, 4 in alcohol).

BRITISH HONDURAS: Bokowina (B.M., Nos. 944, 945, 947, 948, 995; C.N.H.M., Nos. 938, 966); Silkgrass (B.M., Nos. 2534, 2540); Stann Creek Valley (B.M., Nos. 2555, 2674).

**Marmosa mitis ruatanica** Goldman

*Marmosa ruatanica* Goldman, 1911, Proc. Biol. Soc. Washington, 24: 237.

*Marmosa ruatanica ruatanica* Tate, 1933, Bull. Amer. Mus. Nat. Hist., 66: 124.

*Type locality*.—Isla Ruatán, Honduras.

*Specimens collected*.—2 (1 skull only, 1 in alcohol).

BRITISH HONDURAS: Bokowina (B.M., No. 990); Silkgrass (C.N.H.M., No. 2526).

*Remarks*.—All forms included by Tate (1933, p. 112) in the "*Mitis* Section" are conspecific. Distinction of *chapmani* from *mitis*, based primarily on size, holds only if old males of the former are compared with females of the latter. The principal character claimed for separating *ruatanica* from *chapmani* and *mitis* is one of purely individual variability in the degree of ossification of the posterior portion of the palate, combined with the amount of damage suffered by the delicate structure during the cleaning process. Another member of the so-called "*Mitis* Section" is the pale *simonsi* from the coast of Ecuador. It grades into the darker "*Marmosa ruatanica*

*mimetra*" of the humid forests of the northern coast and lower slopes of the Cordillera Occidental in Ecuador. Thus, in addition to *ruatanica*, the subspecies of *M. mitis* include the following subspecies (type localities appended):

*Marmosa mitis chapmani* Allen—Caura, Trinidad.

*Marmosa mitis simonsi* Thomas—Puna, Guayas, Ecuador.

*Marmosa mitis mimetra* Thomas—Santo Domingo de los Colorados, Pichincha, Ecuador.

*Marmosa mitis isthmica* Goldman—Río Indio, near Gatun, Canal Zone, Panama.

### **Philander opossum pallidus** Allen

*Metachirus pallidus* Allen, 1901, Bull. Amer. Mus. Nat. Hist., 14: 215.

*Type locality*.—Greytown, Nicaragua.

*Specimens collected*.—5 (3 skins with skulls, 2 in alcohol).

BRITISH HONDURAS: Silkgrass (B.M., Nos. 2546, 2734).

MEXICO: Tekom, Yucatan (B.M., No. 2746; C.N.H.M., No. 2745); Chichén Itzá, Yucatan (B.M., No. 2815).

*Remarks*.—It has been shown (Herskovitz, 1949, Proc. Biol. Soc. Wash., 62: 11) that *Philander* Tiedemann, 1808, with type *P. virginianus* Tiedemann (= *Didelphis opossum* Linnaeus), is the correct generic name for the four-eyed pouch opossums.

### **Caluromys derbianus fervidus** Thomas

*Philander laniger fervidus* Thomas, 1913, Ann. Mag. Nat. Hist., (8), 12: 359; Sanderson, 1941, Living Treasure, p. 230.

*Caluromys derbianus fervidus* Goodwin, 1942, Bull. Amer. Mus. Nat. Hist., 79: 114.

*Type locality*.—Guatemala.

*Specimens collected*.—1 (skin with skull).

BRITISH HONDURAS: Kate's Lagoon (C.N.H.M., No. 2704).

*Remarks*.—Externally, *Caluromys derbianus* is distinguished most readily from its nearest relative *P. lanata* (= *laniger*) by the white, not black, ears.

### **Cryptotis mayensis** Merriam

*Blarina mayensis* Merriam, 1901, Proc. Washington Acad. Sci., 3: 559.

*Type locality*.—Chichén Itzá, Yucatan, Mexico.

*Specimens collected*.—1 (skull only).

MEXICO: Chichén Itzá, Yucatan (C.N.H.M., No. 2960).

**Rhynchiscus naso** Wied-Neuwied

*Vespertilio naso* Wied-Neuwied, 1820, *Reise nach Brasiliens*, 1: 251, footnote.

*Rhynchiscus naso* Sanderson, 1941, *Living Treasure*, p. 239.

*Type locality*.—Banks of Rio Mucuri, near Morro d'Arara, Minas Geraes, Brazil.

*Specimens collected*.—1 (skin with skull).

MEXICO: Chetumal, Quintana Roo (B.M., No. 2738).

**Saccopteryx bilineata** Temminck

*Urocryptus bilineatus* Temminck, 1838-39, in Van der Hoeven and Vriese, *Tijdschrift Nat. Gesch. en Physiol.*, Leiden, 5: 33.

*Type locality*.—Surinam.

*Specimens collected*.—13 (2 skins with skulls, 11 in alcohol).

BRITISH HONDURAS: Bokowina (B.M., Nos. 960-963, 992, 996); Silkgrass (B.M., Nos. 2503-2505, 2507, 2508, 2519); Kate's Lagoon (B.M., No. 2689).

**Peropteryx macrotis macrotis** Wagner

*Emballonura macrotis* Wagner, 1843, *Wiegmann's Arch. Naturg.*, Jahrg. 9, 1: 367.

*Type locality*.—Matto Grosso, Brazil.

*Specimens collected*.—23 (in alcohol).

BRITISH HONDURAS: Stann Creek Valley (B.M., Nos. 2595-2616, 2636).

**Centronycteris maximiliani centralis** Thomas

*Centronycteris centralis* Thomas, 1912, *Ann. Mag. Nat. Hist.*, (8), 10: 638.

*Centronycteris maximiliani centralis* Sanborn, 1941, *Field Mus. Nat. Hist.*, Zool. Ser., 27: 372—Double Falls, British Honduras; Sanderson, 1941, *Living Treasure*, p. 172.

*Type locality*.—Bogava, Chiriquí, Panama.

*Specimens collected*.—1 (skin with skull).

BRITISH HONDURAS: Double Falls (C.N.H.M., No. 2557).

**Chilonycteris rubiginosa fusca** Allen

*Chilonycteris rubiginosa fusca* Allen, 1911, *Bull. Amer. Mus. Nat. Hist.*, 30: 262.

*Chilonycteris rubiginosa* Sanderson, 1941, *Living Treasure*, p. 227.

*Type locality*.—Las Quiguas, five miles south of Puerto Cabello, northern Venezuela.

*Specimens collected*.—5 (2 skins with skulls, 3 in alcohol).

BRITISH HONDURAS: Stann Creek Valley (B.M., Nos. 2592, 2639; C.N.H.M., No. 2640); no locality data (B.M., Nos. 3117, 3119).

*Remarks*.—Allen's *fusca*, rather than the typical name, is pertinent to the Central American representatives of the species first described from Matto Grosso, Brazil.

### **Pteronotus davyi fulvus** Thomas

*Chilonycteris davyi fulvus* Thomas, 1892, Ann. Mag. Nat. Hist., (6), 10: 410.

*Type locality*.—Las Peñas, Jalisco, Mexico.

*Specimens collected*.—3 (in alcohol).

MEXICO: Chichén Itzá, Yucatan (B.M., Nos. 2924, 3015; C.N.H.M., No. 2923).

*Remarks*.—Forearm measurements are, respectively, 42.8, 42.8, 44.7 mm.

### **Micronycteris megalotis mexicana** Miller

*Micronycteris megalotis mexicana* Miller, 1898, Proc. Acad. Nat. Sci. Philadelphia, p. 329.

*Type locality*.—Plantinar, Jalisco, Mexico.

*Specimens collected*.—4 (in alcohol).

MEXICO: Tekom, Yucatan (B.M., No. 2791); Chichén Itzá, Yucatan (B.M., Nos. 3002-3004).

### **Macrotus waterhousii waterhousii** Gray

*Macrotus waterhousii* Gray, 1843, Proc. Zool. Soc. London, p. 21.

*Type locality*.—Haiti.

*Specimens collected*.—2 (in alcohol).

HAITI: Daiquini (B.M., No. 876; C.N.H.M., No. 875).

*Remarks*.—Specific distinction from *M. mexicanus* is doubtful.

### **Mimon bennettii** Gray

*Phyllostoma bennettii* Gray, 1838, Mag. Zool. Bot., 2: 488.

*Type locality*.—"South America," here restricted to Ypanema, São Paulo, Brazil (cf. first precise locality record by Thomas, 1902, *Ann. Mag. Nat. Hist.*, (7), 10: 53).

*Specimens collected*.—2 (in alcohol).

MEXICO: Tekom, Yucatan (B.M., No. 2779; C.N.H.M., No. 2744).

### **Trachops coffini** Goldman

*Trachops coffini* Goldman, 1925, *Proc. Biol. Soc. Washington*, 38: 23; Sanborn, 1941, *Field Mus. Nat. Hist., Zool. Ser.*, 27: 374—Belize, British Honduras.

*Type locality*.—Guyo, Petén, Guatemala.

*Specimens collected*.—2 (in alcohol).

BRITISH HONDURAS: Belize (B.M., No. 925; C.N.H.M., No. 924).

### **Glossophaga soricina leachii** Gray

*Monophyllus leachii* Gray, 1844, *Voyage of the Sulphur, Zool.*, 1: 18.

*Type locality*.—Realejo, Nicaragua.

*Specimens collected*.—16 (1 skin with skull, 15 in alcohol).

MEXICO: Cuetzala, Yucatan (B.M., Nos. 343, 421); Tekom, Yucatan (B.M., Nos. 2761, 2796); Chichén Itzá, Yucatan (B.M., Nos. 2592, 2786, 2947, 2948, 2985–2988, 3007–3010).

### **Carollia perspicillata azteca** Saussure

*Carollia azteca* Saussure, 1860, *Rev. Mag. Zool.*, (2), 12: 480.

*Carollia* sp. Sanderson, 1941, *Living Treasure*, p. 227.

*Type locality*.—"Les régions chaudes et tempérées du Mexique." According to Sumichrast (1882, *La Natureza*, 5: 204) this bat was observed in various localities in the states of Oaxaca and Vera Cruz. Hahn (1907, *Proc. U. S. Nat. Mus.*, 22: 113) assumed that specimens from "Rio Tesechoacan, near the town of Perez, in Vera Cruz," are typical. Hence the type locality is here restricted to the lowlands of Vera Cruz, Mexico.

*Specimens collected*.—32 (in alcohol).

BRITISH HONDURAS: Belize (B.M., Nos. 906–923, 977, 978); Stann Creek Valley (B.M., Nos. 2581–2587, 2589–2591, 2637, 2638).

### **Carollia subrufa** Hahn

*Hermiderma subrufum* Hahn, 1905, *Proc. Biol. Soc. Washington*, 18: 247.

*Type locality*.—Santa Efigenia, a hacienda eight miles northwest of Tepanatepec, southeastern Oaxaca, Mexico.

*Specimens collected*.—5 (in alcohol).

BRITISH HONDURAS: Bokowina (B.M., No. 958; C.N.H.M., No. 959); Stann Creek Valley (B.M., No. 2588).

MEXICO: Chetumal, Quintana Roo (B.M., No. 2737; C.N.H.M., No. 2736).

### **Artibeus cinereus phaeotis** Miller

*Dermanura phaeotis* Miller, 1902, Proc. Acad. Nat. Sci. Philadelphia, p. 405.

*Artibeus cinereus phaeotis* Hershkovitz, 1949, Proc. U. S. Nat. Mus., 99: 449—classification.

*Type locality*.—Chichén Itzá, Yucatan, Mexico.

*Specimens collected*.—3 (in alcohol).

MEXICO: Tekom, Yucatan (B.M., Nos. 2778, 2779; C.N.H.M., No. 2771).

### **Artibeus jamaicensis jamaicensis** Leach

*Artibeus jamaicensis* Leach, 1821, Trans. Linn. Soc. London, 13: 75.

*Artibeus jamaicensis jamaicensis* Sanderson, 1941, Living Treasure, pp. 18, 28; Hershkovitz, 1949, Proc. U. S. Nat. Mus., 99: 447—comparison with *A. lituratus palmarum*.

*Type locality*.—Jamaica.

*Specimens collected*.—18 (in alcohol).

JAMAICA: Constant Springs (B.M., Nos. 846–863).

*Remarks*.—Forearm length of fourteen adults ranges from 56.2 to 61.2 mm.

### **Artibeus jamaicensis yucatanicus** Allen

*Artibeus yucatanicus* Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20: 232.

*Type locality*.—Chichén Itzá, Yucatan, Mexico.

*Specimens collected*.—1 (in alcohol).

MEXICO: Tekom, Yucatan (C.N.H.M., No. 2770).

*Remarks*.—Forearm of the single specimen measures 60.1 mm.

### **Artibeus literatus palmarum** Allen and Chapman

*Artibeus palmarum* Allen and Chapman, 1897, Bull. Amer. Mus. Nat. Hist., 9: 16.



*Artibeus jamaicensis palmarum* Andersen, 1908, Proc. Zool. Soc. London, p. 278.

*Artibeus* sp. Sanderson, 1941, Living Treasure, p. 228.

*Artibeus planirostris planirostris* Goodwin (nec Spix), 1942, Bull. Amer. Mus. Nat. Hist., 79: 135—listed for Honduras, but no specimens recorded; measurements given are those of *A. literatus*.

*Artibeus literatus palmarum* Hershkovitz, 1949, Proc. U. S. Nat. Mus., 99: 447—comparison with *A. jamaicensis*.

*Type locality*.—Trinidad.

*Specimens collected*.—6 (2 skins with skulls, 4 in alcohol).

BRITISH HONDURAS: Silkgrass (B.M., No. 2531); Stann Creek Valley (B.M., Nos. 2578, 2580; C.N.H.M., No. 2579).

MEXICO: Mérida, Yucatan (B.M., No. 2739); Tekom, Yucatan (C.N.H.M., No. 2769).

*Remarks*.—Forearm measurements of the specimens from British Honduras are, respectively, 71.7, 63.0, 74.7, 74.7 mm.; of one adult from Yucatan, 65.0.

### **Desmodus rotundus murinus** Wagner

*D[esmodus] murinus* Wagner, in Schreber's Säugthiere, 1840, Suppl., 1: 377.

*Desmodus* sp. Sanderson, 1941, Living Treasure, p. 228.

*Type locality*.—Mexico.

*Specimens collected*.—23 (in alcohol).

BRITISH HONDURAS: Stann Creek Valley (B.M., No. 2594).

MEXICO: Tekom, Yucatan (B.M., Nos. 2798, 2799); Chichén Itzá, Yucatan (B.M., Nos. 2937–2939, 2943–2945, 2952, 2953, 2959, 2966–2974; C.N.H.M., Nos. 2935, 2936).

### **Natalus mexicanus** Miller

*Natalus mexicanus* Miller, 1902, Proc. Acad. Nat. Sci. Philadelphia, p. 399.

*Type locality*.—Santa Anita, Baja California, Mexico.

*Specimens collected*.—1 (in alcohol).

MEXICO: Chichén Itzá, Yucatan (B.M., No. 3013).

*Remarks*.—This form may prove to be a small local representative of the South American *Natalus stramineus*.

### **Myotis nigricans nigricans** Schinz

*Vesp[ertilio] nigricans* Schinz ("P. Max"), 1821, Das Thierreich, 1: 179.

*Myotis nigricans* Sanderson, 1941, Living Treasure, p. 228.

*Type locality*.—Fazenda de Aga, near Rio Iritiba, Espirito Santo, Brazil (see Wied-Neuwied, 1826, Beiträge Naturg. Brasil, 2: 268).

*Specimens collected*.—8 (2 skins with skulls, 6 in alcohol).

BRITISH HONDURAS: Stann Creek Valley (B.M., Nos. 2628–2635).

### **Eptesicus fuscus hispaniolae** Miller

*Eptesicus hispaniolae* Miller, 1918, Proc. Biol. Soc. Washington, 31: 39; Sanborn, 1941, Field Mus. Nat. Hist., Zool. Ser., 27: 383—Chinchona, Jamaica.

*Eptesicus fuscus hispaniolae* Shamel, 1945, Proc. Biol. Soc. Washington, 58: 108.

*Type locality*.—Constanza, Dominican Republic.

*Specimens collected*.—3 (in alcohol).

JAMAICA: Chinchona (B.M., No. 842; C.N.H.M., No. 843); Sherwood Forest (B.M., No. 864).

### **Dasypterus intermedius** H. Allen

*Lasiurus intermedius* H. Allen, 1862, Proc. Acad. Nat. Sci. Philadelphia, p. 246.

*Type locality*.—Matamoros, Tamaulipas, Mexico.

*Specimens collected*.—1 (in alcohol).

MEXICO: Tekom, Yucatan (B.M., No. 2789).

### **Rhogeessa tumida** H. Allen

*R[hogeëssa] tumida* H. Allen, 1866, Proc. Acad. Nat. Sci. Philadelphia, p. 286.

*Type locality*.—Mirador, Veracruz, Mexico.

*Specimens collected*.—1 (in alcohol).

MEXICO: Tekom, Yucatan (B.M., No. 2762).

### **Molossus major verrilli** Allen

*Molossus verrilli* Allen, 1908, Bull. Amer. Mus. Nat. Hist., 24: 581.

*Type locality*.—Samana, Dominican Republic.

*Specimens collected*.—2 (in alcohol).

HAITI: Petionville (B.M., No. 873; C.N.H.M., No. 874).

*Remarks*.—This form is doubtfully distinct from typical *Molossus major*. According to Rode (1941, Bull. Mus. Nat. Hist. Nat., Paris, (2), 13: 250) the type of *Molossus obscurus* Geoffroy originated in

the "Antilles" and not, as generally supposed, in Surinam. Accordingly, *obscurus* is certainly an absolute synonym of *major*. Rode (loc. cit.) identified the type as equivalent to *M. rufus*. No doubt this is a lapsus, because the measurements of *obscurus* agree with those of the considerably smaller *major*.

### **Molossus sinaloae** Allen

*Molossus sinaloae* Allen, 1906, Bull. Amer. Mus. Nat. Hist., 22: 236.

*Type locality*.—Escuinapa, Sinaloa, Mexico.

*Specimens collected*.—23 (4 skins with skulls, 19 in alcohol).

BRITISH HONDURAS: Belize (B.M., Nos. 878, 897–901, 928, 949–957); Stann Creek Valley (B.M., Nos. 2621–2623; C.N.H.M., Nos. 2624–2627).

### **Procyon lotor shufeldti** Nelson and Goldman

*Procyon lotor shufeldti* Nelson and Goldman, 1931, Proc. Biol. Soc. Washington, 44: 17.

*Procyon lotor* Sanderson, 1941, Living Treasure, p. 76 and fig. opp., p. 254.

*Type locality*.—La Tuxpeña, Champotón, southeastern Campeche, Mexico.

*Specimens collected*.—4 (3 skins with skulls, 1 skull only).

BRITISH HONDURAS: No data (B.M., Nos. 885, 2684; C.N.H.M., No. 886).

MEXICO: Tekom, Yucatan (C.N.H.M., No. 2772).

### **Nasua narica narica** Linnaeus

[*Viverra*] *narica* Linnaeus, 1766, Syst. Nat., ed. 12, 1: 64.

*Nasua solitaria* M. von Neuwied, var. *Mexicana* Weinland, 1860, Zool. Garten, Frankfurt-a-M, 1: 191, col. pl.—type locality near hacienda El Mirador, 20 leagues from Vera Cruz, Mexico, altitude about 4,000 feet above sea level.

*Nasua narica bullata* Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20: 48, fig. 10, skull—type locality, Pozo Azul, Pirris, Costa Rica.

*Nasua narica panamensis* Allen, 1904, Bull. Amer. Mus. Nat. Hist., 20: 51, fig. 12, skull—type locality, Boquerón, Chiriquí, Panama.

*Nasua narica richmondi* Goldman, 1932, Jour. Washington Acad. Sci., 22: 312—type locality, Río Escondido, fifty miles above Bluefields, Nicaragua.

*Nasua narica isthmica* Goldman, 1942, Proc. Biol. Soc. Washington, 55: 81—type locality, Santa Efigenia, a hacienda eight miles northwest of Tapana-tepec, southeastern Oaxaca, Mexico.

*Nasua narica* Sanderson, 1941, Living Treasure, pp. 186, 205, 206 and fig. opp., pp. 207, 209.

*Type locality*.—"America"; restricted to Vera Cruz, Mexico, by Allen (1904, Bull. Amer. Mus. Nat. Hist., 20: 51); here further restricted to Achotal, Isthmus of Tehuantepec, Vera Cruz.

*Specimens collected*.—5 (4 skins with skulls, 1 in alcohol).

BRITISH HONDURAS: Kate's Lagoon (B.M., Nos. 2702, 2720; C.N.H.M., Nos. 2719, 2721); no data (B.M., No. 3108).

*Remarks*.—Subspecific characterizations of the forms of North American coatis listed above are founded on individual variables. Burt and Hooper (1941, Univ. Michigan Mus. Zool. Occ. Pap., No. 430, p. 2) have pointed out that most of the variation is "attributable to differences in age, sex, and individuals." Regarding color, they concluded that in general it "becomes progressively darker, on the average, from north to south. The specimens from northern Mexico are more pallid and those from Panama the darkest." The sharpest divergence in the color cline appears to take place in the region of the Isthmus of Tehuantepec, Mexico. It is proper, therefore, to restrict the type locality of typical *narica*, generally regarded as a dark form, to the southern part of the state of Vera Cruz. Three specimens at hand from Achotal, Vera Cruz, are quite dark, and four specimens from Reforma, Oaxaca, in the isthmus, average slightly paler. Collectively, they agree with the types and other material representing all described Central American forms. The British Honduras series is dark, on an average, and indicates intergradation between the dark Central American coati and the pale *yucatanicus* (= *nelsoni*?) of Yucatan. *Nasua narica molaris* Merriam described from Colima represents the pale northern Mexican coati. *N. n. pallida* Allen from Chihuahua and *N. n. tamaulipensis* Goldman are synonyms of *molaris*.

Among coatis the great amount of individual polychromatism independent of sex obscures the geographic cline in color and has led to a multiplication in the number of named forms. The dominant color phases are brown and buffy-gray, with individuals molting from one phase to the other. Further complicating the study of geographic variation in color are instances of partial or complete erythrism and melanism, not as fixed individual characters but as transitory pelage phases. Adequate series demonstrate the absolute unreliability of cranial characters for distinguishing any of the described forms from the others.

### ***Potos flavus campechensis* Nelson and Goldman**

*Potos flavus campechensis* Nelson and Goldman, 1931, Jour. Washington Acad. Sci., 21: 482.

*Potos flavus* Sanderson, 1941, Living Treasure, pp. 79, 159 and fig. opp. p. 82.

*Type locality*.—La Tuxpeña, Champotón, Campeche, Mexico.

*Specimens collected*.—29 (3 skins with skeletons, 16 skins with skulls, 4 skins only, 4 skulls only, 2 in alcohol).

BRITISH HONDURAS: Bokowina (B.M., Nos. 932, 933, 965, 971–973, 983, 993; C.N.H.M., Nos. 943, 964, 988, 999); Silkgrass (C.N.H.M., Nos. 2502, 2510); Dog Creek (B.M., No. 2509); Double Falls (B.M., Nos. 2547, 2552); Kate's Lagoon (B.M., Nos. 2690, 2691, 2693, 2695, 2700, 2701, 2706; C.N.H.M., Nos. 2692, 2694, 2696, 2697, 2705).

### **Bassariscus sumichrasti variabilis** Peters

*Bassariscus variabilis* Peters, 1874, Monatsber. k. preuss. Akad. Wissens. Berlin, p. 704.

*Jentinkia sumichrasti variabilis* Goodwin, 1934, Bull. Amer. Mus. Nat. Hist., 68: 18—Guatemala.

*Bassariscus sumichrasti* Sanderson, 1941, Living Treasure, p. 160 and fig. opp.

*Type locality*.—Cobán, Guatemala.

*Specimens collected*.—1 (skin with skull).

BRITISH HONDURAS: Silkgrass (C.N.H.M., No. 2500).

### **Mustela frenata perda** Merriam

*Putorius tropicalis perdus* Merriam, 1902, Proc. Biol. Soc. Washington, 15: 67.

*Mustela frenata perda* Sanderson, 1941, Living Treasure, p. 260 and fig. opp.

*Type locality*.—Teapa, Tabasco, Mexico.

*Specimens collected*.—1 (skin with skull).

MEXICO: No data (C.N.H.M., No. 2787).

### **Lutra annectens latidens** Allen

*Lutra latidens* Allen, 1908, Bull. Amer. Mus. Nat. Hist., 24: 660.

*Lutra annectens latidens* Pohle, 1919, Arch. Naturg., 9, Abt. A, p. 95.

*Type locality*.—Lavala, Matagalpa, Nicaragua.

*Specimens collected*.—1 (in alcohol).

MEXICO.—A small river 40 miles west of Merida, Yucatan (C.N.H.M., no number).

### **Eira barbara senex** Thomas

*Galictis barbara senex* Thomas, 1900, Ann. Mag. Nat. Hist., (7), 5: 146.

*Type locality*.—Hacienda Tortugas, Jalapa, Vera Cruz, Mexico.  
*Specimens collected*.—3 (2 skins with skulls, 1 skin only).

BRITISH HONDURAS: Silkgrass (B.M., No. 2541; C.N.H.M., Nos. 930, 2665).

*Remarks*.—"Tayra" Oken, 1816, is a vernacular name. Apparently, the first valid generic name for the *tayra* or *eyra* is *Eira* (H. Smith, 1842, in Jardine's Naturalist's Library, 13: 201-202).

### ***Conepatus semistriatus conepatl* Gmelin**

[*Viverra*] *conepatl* Gmelin, 1788, Linn. Syst. Nat., ed. 13, 1: 88; Cuvier, 1801, in Azara, Essais Hist. Nat. Quadr. Paraguay, 1: 239, footnote a—synonym of *mapurito* Gmelin (= *semistriatus* Boddaert).

*Conepatus tropicalis* Merriam, 1902, Proc. Biol. Soc. Washington, 15: 164—type locality, Motzorongo, Vera Cruz, Mexico; Sanderson, 1941, Living Treasure, pp. 210, 263.

*Conepatus semistriatus* Hershkovitz, 1949, Proc. Biol. Soc. Washington, 62: 15.

*Type locality*.—"Nova Hispania" (= Mexico); here restricted to Motzorongo, Vera Cruz, Mexico.

*Specimens collected*.—3 (1 skin with skeleton, 1 skin with skull, 1 skull only).

BRITISH HONDURAS: Stann Creek Valley (B.M., No. 2676; C.N.H.M., No. 2571).

MEXICO: Tekom, Yucatan (B.M., No. 2795).

*Remarks*.—The "conepatl" or *onepatl* of Hernandez (1861, Nov. Plant. Anim. Min. Hist. Nat. Mexico, p. 332) is sole basis for the name of the Mexican representative of the common Middle American and northern South American hog-nosed skunk. It should not be confused with the "conepate" of Buffon (Hist. Nat., 13: pl. 40) which is a *Spilogale*. The Panamanian hog-nosed skunk described by Thomas (1905, Ann. Mag. Nat. Hist., (7), 15: 585), if at all separable, may be known as *Conepatus semistriatus trichurus*.

### ***Taxidea taxus berlandieri* Baird**

*Taxidea berlandieri* Baird, 1857, Mamm. North America, p. 205, pl. 39, fig. 1.

*Type locality*.—Llano Estacado, near boundary of New Mexico, Mexico.

*Specimens collected*.—1 (skin with skull).

MEXICO: Santa Rosa, Camoa, near Navojoa, Río Mayo, southern Sonora (C.N.H.M., No. 3053).

***Urocyon cinereoargenteus fraterculus* Elliot**

*Urocyon cinereo-argentatus* (sic) *fraterculus* Elliot, 1896, Field Columbian Mus., Zool. Ser., 1: 80.

*Urocyon parvidens* Miller, 1899, Proc. Acad. Nat. Sci. Philadelphia, p. 276—type locality, Mérida, Yucatan, Mexico; Goldman, 1938, Jour. Washington Acad. Sci., 28: 495—synonym of *fraterculus*.

*Urocyon guatemalae* Miller, 1899, Proc. Acad. Nat. Sci. Philadelphia, p. 278—type locality, Nentón, Huehuetenango, Guatemala.

*Urocyon cinereoargenteus guatemalae* Goodwin, 1942, Bull. Amer. Mus. Nat. Hist., 79: 182.

*Urocyon cinereoargenteus* Sanderson, 1941, Living Treasure, fig. opp. p. 196, p. 197.

*Type locality*.—San Felipe, Yucatan, Mexico.

*Specimens collected*.—10 (1 skin with skeleton, 7 skins with skulls, 1 skin only, 1 skull only).

BRITISH HONDURAS: Belize (B.M., No. 2538); Stann Creek Valley (B.M., No. 2570; C.N.H.M., Nos. 2574, 2575); Camp London (B.M., No. 2683); Kate's Lagoon (B.M., Nos. 2717, 2724, 2732, 2733; C.N.H.M., No. 2716).

*Remarks*.—Cranial and dental characters attributed to the various described forms of Mexican and Central American gray foxes are trivial and, at best, restricted to the type and possibly some topotypes. Color and, perhaps, size seem to be the only valid distinguishing characters of these wide-ranging foxes. The gray foxes of Yucatan and British Honduras are pale, but slightly more saturate than *scottii* Mearns from Arizona, southern California and northern Mexico. Specimens at hand from Guatemala are hardly darker than the British Honduras series and represent a phase in the geographic cline leading to the distinctly darker *costaricensis* Goodwin. Though the name *fraterculus* is used here, available material from Durango and Chihuahua (*madrensis* Burt and Hooper), from Michoacan and Guerrero (*colimensis* Goldman), and from Oaxaca (*orinomus* Goldman) indicates that possibly all gray foxes from Mexico east into Honduras are referable to *scottii*.

***Felis pardalis pardalis* Linnaeus**

[*Felis*] *pardalis* Linnaeus, 1758, Syst. Nat., ed. 10, 1: 42.

[*Felis pardalis*] Sanderson, 1941, Living Treasure, p. 252.

*Type locality*.—"America," restricted to Vera Cruz, Mexico, by Allen (1919, Bull. Amer. Mus. Nat. Hist., 41: 345).

*Specimens collected*.—2 (1 skin, 1 skull).

BRITISH HONDURAS: Sibun River (B.M., No. 2682).

MEXICO: Tekom, Yucatan (C.N.H.M., No. 2748).

### ***Felis onca goldmani* Mearns**

*Felis hernandesii goldmani* Mearns, 1901, Proc. Biol. Soc. Washington, 14: 142.

*Type locality*.—Yohaltun, Campeche, Mexico.

*Specimens collected*.—1 (skin only).

BRITISH HONDURAS: Punta Gorda (B.M., No. 2681).

### ***Felis concolor mayensis* Nelson and Goldman**

*Felis concolor mayensis* Nelson and Goldman, 1929, Jour. Mamm., 10: 350.

[*Felis concolor*] Sanderson, 1941, Living Treasure, p. 197.

*Type locality*.—La Libertad, Petén, Guatemala.

*Specimens collected*.—1 (skin with skull).

BRITISH HONDURAS: Commerce Bight (C.N.H.M., No. 2572).

### ***Herpailurus yagouaroundi cacomitli* Berlandier**

"*Felis cacomilli* Berlandier," Baird, 1857, Mamm. North America, p. 88—  
nomen nudum in synonymy of "*Felis yaguarundi* Desm."

*Felis cacomilli* Berlandier, 1859, in Baird, Rep. U. S. Mexican Boundary Surv.,  
2, pt. 2: 12—description and designation of type; Mearns, 1902, Proc.  
U. S. Nat. Mus., 24: 207—redescription.

*Felis apache* Mearns, 1901, Proc. Biol. Soc. Washington, 14: 150—based on  
specimen from Matamoros, Tamaulipas, Mexico, described by Berlandier  
in Baird, 1859, Rep. U. S. Mexican Boundary Surv., 2, pt. 2: 10.

*Felis fossata* Mearns, 1901, Proc. Biol. Soc. Washington, 14: 150—type locality,  
Mérida, Yucatan, Mexico; Sanderson, 1941, Living Treasure, p. 208 and  
fig. opp.

*Herpailurus yaguarondi* (sic) *cacomilli* Allen, 1919, Bull. Amer. Mus. Nat.  
Hist., 41: 381.

*Herpailurus yaguarondi* (sic) Sanderson, 1941, Living Treasure, p. 209.

*Type locality*.—Matamoros, Tamaulipas, Mexico.

*Specimens collected*.—1 (skin only, red phase).

BRITISH HONDURAS: Stann Creek Valley (C.N.H.M., No. 2573).

*Remarks*.—It has been shown by Bailey (1905, North American  
Fauna No. 25, p. 167) that *apache* Mearns is nothing else than the  
red phase of the same species from the same locality as *cacomilli*  
Berlandier. *Felis fossata* Mearns, based on a skull only of a "young-  
ish-adult female," was originally compared with an erratic descrip-



tion of a yagouarondi from an unknown locality, and with the type of *apache*, the skull of which is abnormal. No specific difference between *fossata* and *cacomilli* is apparent and subspecific difference is most unlikely. *Felis yaguarondi* (sic) *tolteca* Thomas (1898, Ann. Mag. Nat. Hist., (7), 1: 41) is included by Allen (1919, p. 381) in the synonymy of *cacomilli*.

The genus *Herpailurus* is monotypic. Two specimens of yagouarondis from Cayenne, in the Paris Museum, were examined and described independently by Fischer (1803, Das Nationalmus. Naturg., Paris, 2: 125) and by Geoffroy (1803, Cat. Mamm. Mus. Hist. Nat., Paris, p. 124). The first author applied the name *Felis y agoua roundi*, and the second, *Felis yagouarondi*. These circumstances require retention of Cayenne, French Guiana, as type locality of the cat first described from Paraguay by Azara (1801, Essais hist. nat. quadr. Paraguay, 1: 171). As the proposed technical names are of even date and that of Fischer's somewhat irregular, it is proper to concede priority to *Felis yagouarondi* Geoffroy. Later authors (Lacépède, Cuvier, Desmarest) have used the same name, though sometimes variously spelled, for representatives of the species, whether from the Guianas, Paraguay or elsewhere in tropical America. Another of Azara's vernacular names for the red color phase of the same cat was sole basis for the binomial *Felis eyra* Fischer (1814, Zoognosia, 3: 228). This then becomes *Herpailurus yagouarondi eyra*, with type locality Paraguay.

### **Peromyscus yucatanicus yucatanicus** Allen and Chapman

*Peromyscus yucatanicus* Allen and Chapman, 1897, Bull. Amer. Mus. Nat. Hist., 9: 8.

*Peromyscus* sp. Sanderson, 1941, Living Treasure, pp. 123, 267.

*Type locality*.—Chichén Itzá, Yucatan, Mexico.

*Specimens collected*.—1 (skin and skull).

MEXICO: Chichén Itzá, Yucatan (C.N.H.M., No. 2983).

### **Sigmodon hispidus microdon** Bailey

*Sigmodon hispidus microdon* Bailey, 1902, Proc. Biol. Soc. Washington, 15: 111.

*Sigmodon* sp. Sanderson, 1941, Living Treasure, p. 266.

*Type locality*.—Puerto Morelos, Yucatan, Mexico.

*Specimens collected*.—1 (skin with skull).

MEXICO: Chichén Itzá, Yucatan (C.N.H.M., No. 3006).

**Pecari tajacu nelsoni** Goldman

*Pecari angulatus nelsoni* Goldman, 1926, Proc. Biol. Soc. Washington, 39: 48.

*Pecari angulatus nigrescens* Goldman, 1926, Proc. Biol. Soc. Washington, 39: 49—type locality, Chamelicón, Honduras.

*Tagassu tajacu nigrescens* Goodwin, 1942, Bull. Amer. Mus. Nat. Hist., 79: 188—Honduras.

*Dicotyles tajacu* (sic) Sanderson, 1941, Living Treasure, p. 203.

*Type locality*.—Huehuetán, Chiapas, Mexico.

*Specimens collected*.—9 (1 skin with skeleton, 5 skins with skulls, 3 skulls only).

BRITISH HONDURAS: Stann Creek Valley (B.M., Nos. 2655, 2677, 2678); Kate's Lagoon (B.M., Nos. 2722, 2723; C.N.H.M., Nos. 2708, 2709).

MEXICO: Tekom, Yucatan (B.M., No. 2785; C.N.H.M., No. 2784).

*Remarks*.—Collared peccaries within the range assigned by Goldman to *nelsoni* and *nigrescens* are intergrades between the pale Mexican and the dark Central American forms. Some individuals are quite pale, others dark and still others intermediate in coloration. The absence of a distinct dorsal stripe in the types of *nelsoni* and *nigrescens* may be the result of wear, accidental loss of the tips of the long median dorsal hairs, or individual variation. The dark stripe is well defined in all five skins from British Honduras. Size and cranial characters, said to be diagnostic of the named forms in question, are individual variables. The name *nigrescens* is conserved pending further comparisons with *yucatanensis*, skins of which are not at hand.

That the genus *Pecari* Reichenbach is monotypic has been attested since Linnaeus included the Mexican and Brazilian collared peccaries in his description of *Sus tajacu*. Increasing material available for study has had the contrary effect of inducing some authors to apply different names to variable elements of the Linnean species. In addition to *nigrescens* Goldman, the North American forms of collared peccaries stand as follows (type localities appended):

*Pecari tajacu angulatus* Cope—Guadalupe River, Texas.

*Pecari tajacu sonoriensis* Mearns—Río San Bernardino, near Monument No. 77, Mexican boundary, Sonora, Mexico.

*Pecari tajacu humeralis* Merriam—Ameria, Colima, Mexico.

*Pecari tajacu crassus* Merriam—Metlatoyuca, Puebla, Mexico.

*Pecari tajacu yucatanensis* Merriam—Tunkas, Yucatan, Mexico.

*Pecari tajacu nanus* Merriam—Cozumel Island, Yucatan, Mexico; most doubtfully distinct from *yucatanensis*.

*Pecari tajacu crusnigrum* Bangs—Boquete, Chiriquí, western Panama.

*Pecari tajacu bangsi* Goldman—Boca de Cupe, eastern Panama.

According to Gaumer (1917, Mam. Yucatan, pp. 65-66) collared peccaries on Cozumel Island (*nanus*) were introduced from the mainland. Those found along the perimeter of the island are persistently hunted by natives and few survive their first two years of life. Peccaries inhabiting the center of the island, however, are less persecuted, hence live longer and attain an average size equal to that of their mainland relatives.

### **Mazama americana temama** Kerr

*Cervus temama* Kerr, 1792, Anim. Kingd., p. 303—based on the *tema-macame* of Hernandez, 1651, Hist. Nat. Mexico, p. 325.

*Mazama tema* Rafinesque, 1817, Amer. Monthly Mag., 2: 44—new name for *temama* Kerr.

*Mazama sartorii* Saussure, 1860, Rev. Mag. Zool., (2), 12: 252—type locality, Mirador, Vera Cruz, Mexico.

*Mazama sartorii sartorii* Allen, 1915, Bull. Amer. Mus. Nat. Hist., 34: 523-524 (*temama* Kerr, *tema* Rafinesque), 530 (name), 541-542 (synonymy, characters, distribution).

*Type locality*.—Mexico. Here restricted to Mirador, Vera Cruz.

*Specimens collected*.—1 (skin and skull).

BRITISH HONDURAS: Bokowina (B.M., No. 931).

*Remarks*.—Only two species of brockets can be distinguished. These are the red, *M. americana* Erxleben, and the brown, *M. gouazoubira* Fischer (1814, Zoognosia, 3: 465, originally misprinted "gouazoupira"; antedates *simplicicornis* Illiger, 1815, also based on Azara's *gouazoubira*). Middle American brockets stand as follows (type localities appended):

*Mazama americana temama* Kerr—Mirador, Vera Cruz, Mexico.

*Mazama americana cerasina* Hollister—Talamanca, Costa Rica.

*Mazama americana repericia* Goldman—Gatun, Canal Zone, Panama.

*Mazama gouazoubira pandora* Merriam—Tunkas, Yucatan, Mexico.

*Mazama gouazoubira permira* Kellogg—Pearl Island, Gulf of Panama, Panama.

### **Odocoileus virginianus yucatanensis** Hays

*Cervus yucatanensis* Hays, 1874, Ann. Lyceum Nat. Hist. New York, 10: 218, pl. 10.

*Odocoileus truei* Sanderson, 1941, Living Treasure, p. 194 and fig. opp.

*Type locality*.—Yucatan, Mexico.

*Specimens collected*.—3 (skulls only).

BRITISH HONDURAS: Belize (C.N.H.M., No. 894); Kate's Lagoon (B.M., Nos. 2710, 2711).

*Remarks.*—Whatever the characters, the British Honduran Virginia Deer could be assigned indifferently to any one of a half dozen forms described from southern Mexico.

### **Tamandua tetradactyla mexicana** Saussure

*Myrmecophaga tamandua*(?) Desm. (var. *mexicana*) Saussure, 1860, Rev. Mag. Zool., (2), 12: 9.

*Tamandua* sp. Sanderson, 1941, Living Treasure, p. 190.

*Type locality.*—Tabasco, Mexico.

*Specimens collected.*—6 (1 skin with skeleton, 5 skins with skulls).

BRITISH HONDURAS: Bokowina (C.N.H.M., No. 941); Silkgrass (B.M., No. 2545); Grant's Works (B.M., No. 2566); Stann Creek Valley (B.M., No. 2675); Kate's Lagoon (B.M., No. 2699; C.N.H.M., No. 2728).

### **Dasypus novemcinctus mexicanus** Peters

*Dasypus novemcinctus* var. *mexicanus* Peters, 1864, Monatsber. k. preuss. Akad. Wissens. Berlin, p. 180.

*Dasypus cucurbitinus* Gaumer, 1917, Mam. Yucatan, p. 21—in synonymy of *Dasypus novemcinctus*.

*Tatusia novemcincta* Sanderson, 1941, Living Treasure, pp. 190, 210.

*Type locality.*—Mexico; restricted to Colima by Bailey (1905, North American Fauna No. 25, p. 52, footnote).

*Specimens collected.*—11 (1 skin with skull, 10 skulls only).

BRITISH HONDURAS: Belize (B.M., Nos. 892, 2685, 2686); Stann Creek Valley (B.M., Nos. 2576, 2666, 2679, 2680); Silkgrass (B.M., Nos. 2535, 2537; C.N.H.M., No. 2536).

MEXICO: Chichén Itzá, Yucatan (C.N.H.M., No. 3012).

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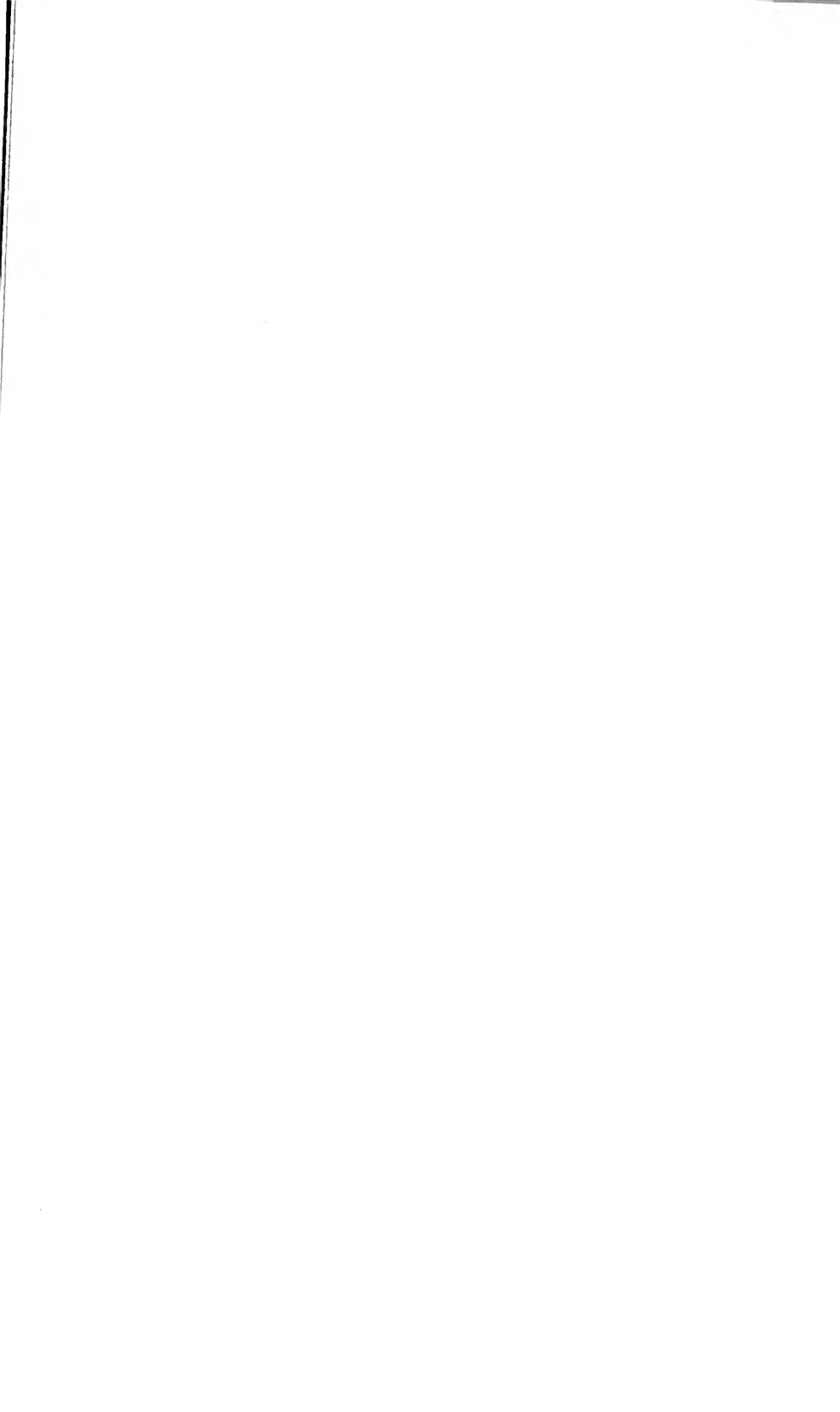
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