

**A CHECK LIST OF MAMMALS
OF THE NORTH AMERICAN
CONTINENT, THE WEST INDIES
AND THE NEIGHBORING SEAS**

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Neighboring Seas by Daniel Giraud Elliot

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DANIEL GIRAUD ELLIOT

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A
CHECK-LIST
OF
MAMMALS
OF THE
NORTH AMERICAN CONTINENT
THE WEST INDIES
AND THE
NEIGHBORING SEAS

Un

SUPPLEMENT

BY
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EDITED BY J. A. ALLEN

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EDITORIAL NOTE.

In 1904, the late D. G. Elliot published 'A Check-List of the Mammals of the North American Continent, the West Indies, and the Neighboring Seas.'¹ Shortly before his death he prepared the manuscript for a supplement to this work, carrying the subject to about the end of the year 1914. On examination, at the request of his daughter, Miss Margaret H. Elliot, this manuscript was found to be practically ready for the press, and was submitted by her to the authorities of the American Museum of Natural History for publication at her expense, under the auspices of the Museum, provided it proved acceptable. It is here presented as written, with only such revision and verification of references as the circumstances of posthumous publication naturally require.

The original edition of the Check-List gave fully the bibliographical references required in a modern check-list, together with the type localities and geographic distribution of the forms included, and also references to his previous works² where full descriptions of the forms are given. The species and subspecies included in the Supplement have for the most part been described since the publication of his earlier works, on which the Check-List was based, and it was evidently the author's intention to make this publication not only a supplement to the Check-List, but a continuation of his preceding two manuals of the subject, by giving descriptions of forms added as well as the usual check-list matter. As known to his fellow-workers, it was his custom to base his descriptions on the type specimens of the species and subspecies involved, instead of compiling from the original descriptions. For this reason the descriptive portion of this supplement is incomplete, in cases where the type specimens chance to be in foreign museums or in the museums of the Pacific coast and Canada. Descriptions of some of the forms published in 1914 had also not been completed, especially with reference to the measurements of the skulls. The Editor regrets that it proved impracticable to have these blanks

¹ Field Columbian Museum | Publication 105 | Zoölogical Series Vol. VI | A |
Check List | of | Mammals | of the | North American Continent | the | West Indies |
and the | Neighboring Seas | By | Daniel Giraud Elliot, F. R. S. E., etc. | Curator of
Department | — | [Seal] Chicago, U. S. A. | 1905 — 8vo, pp. i-v, 1-761.

² Synopsis of North American Mammals, 1901, and Mammals of Middle America
and the West Indies, 1905.

filled, at least without causing much delay in the publication of the work, thus leaving a few of the descriptions incomplete.

It is to be noted that the Supplement contains many changes in generic nomenclature from that of the original Check-List, many groups treated in the latter as subgenera being here given the rank of genera, while the changes in generic names shown to be necessary since the publication of the Check-List are duly recorded in the present supplement.

J. A. ALLEN.

American Museum of Natural History.

January 8, 1917.

CLASS MAMMALIA.

Order Marsupialia. Marsupials.

Family Didelphiidæ. Opossums.

Genus *Chironectes* (1).

¹ *Chironectes panamensis* Goldman.

Chironectes panamensis Goldman, Smith. Misc. Coll., LXIII, 1914,
No. 5, p. 1.

Type locality. Cana, eastern Panama. Altitude 2000 feet.

Geogr. Distr. Guatemala into Colombia.

Genl. Char. Similar to *C. minimus* of Guiana in size and color, but cranial characters different. Braincase longer; lambdoid crest projecting over foramen magnum; nasals longer, ends pointed, sides not constricted; fronto-parietal suture convex posteriorly; sagittal crest developed.

Color. Pattern as in *C. minimus*, grayish white, light brown and black; the crescentic band over eyes less distinct; black of forearms extending to first phalanges of the three middle digits; base of tail dark all around; rest like *C. minimus*. Ex type in United States National Museum.

Measurements. Total length, 651; tail, 386; hind foot, 72. Skull: Greatest length, 74.2; Hensel, 69.2; zygomatic width, 43.8; intertemporal width, 14.1; length of nasals, 33; palatal length, 45.6; length of upper molar series, 26.4; length of mandible, 57.2; length of lower molar series, 29.1. Ex type in United States National Museum.

Genus *Marmosa* (2).

Marmosa ruatanica Goldman.

Marmosa ruatanica Goldm., Proc. Biol. Soc. Wash., XXIV, 1911,
p. 237.

Type locality. Ruatan Island, off north coast of Honduras.

¹ This separates the water opossum of South America from that of Central America, heretofore considered as one and the same species, and limits the range of *C. panamensis* from Guatemala into Colombia.

Genl. Char. Top of head smoky brown; broad line down center of face paler; orbital markings black, extending to nose; upperparts of body cinnamon; underparts cream color tinged with yellow; tail dusky, lightest on apical half; hands and feet whitish; ears dark brown. Ex type in United States National Museum.

Measurements. Total length, 338; tail, 188; hind foot, 24.5. Skull: Occipito-nasal length, 40.5; zygomatic width, 22.7; intertemporal width, 5.8; length of nasals, 17.7; palatal length, 21; length of upper molar series, 6; length of mandible, 28.7; length of lower molar series, 8. Ex type in United States National Museum.

Marmosa zeledoni Goldman.

Marmosa zeledoni Goldm., Proc. Biol. Soc. Wash., XXIV, 1911, p. 238.

Type locality. Navarro, Costa Rica.

Genl. Char. Near to *M. americana*, but more rufescent; interparietal narrower.

Color. Face light cinnamon-rufous; cheeks, sides of neck, flanks reaching nearly to middle of belly ochraceous-buff; upperparts cinnamon-rufous; throat, chest, middle of belly and inner side of limbs yellowish white; tail light brown; hands brownish; hind feet whitish; ear brown. Ex type in United States National Museum.

Measurements. Total length, 345; tail, 168; hind foot, 23. Skull: Occipito-nasal length, 33.9; Hensel, 29; zygomatic width, 19.2; intertemporal width, 6.5; length of nasals, 16.2; length of upper molar series, 11.7; length of palate, 18.2; length of mandible, 23.8; length of lower molar series, 12.7. Ex type in United States National Museum.

Marmosa isthmica Goldman.

Marmosa isthmica Goldm., Smith. Misc. Coll., LVI, 1912, No. 36, p. 1.

Type locality. Rio Indio, near Gatun, Canal Zone, Panama.

Genl. Char. Size large; skull similar to that of *M. chapmani*, but rostrum narrower; teeth and auditory processes of alisphenoid smaller.

Color. Head and upperparts brownish cinnamon; middle of face lighter; orbital ring black; sides of neck and flanks ochraceous-buff; underparts creamy buff; tail above light brownish, beneath tawny ochraceous; hands brownish to base of fingers; toes and hind feet whitish; ears brown. Ex type in United States National Museum.

Measurements. Total length, 385; tail, 215; hind foot, 28.

Skull: Occipito-nasal length, 43; Hensel, 36.4; zygomatic width, 23.7; intertemporal width, 6.2; length of nasals, 20; palatal length, 21.5; length of upper molar series, 13.7; length of mandible, 30.6; length of lower molar series, 14.4. Ex type in United States National Museum.

Marmosa gaumeri Osgood.

Marmosa gaumeri Osgood, Proc. Biol. Soc. Wash., XXVI, 1913, p. 175.

Type locality. Yaxcaba, southwest of Chichen Itza, Yucatan, Mexico.

Genl. Char. Similar to *M. canescens*, but smaller. Skull small and narrow.

Color. Upperparts dull brownish fawn mixed with dusky, this hue extending down outer sides of fore and hind legs; orbital ring blackish brown; cheeks, underparts and inner side of limbs pale cream color; tail above brownish drab, paler beneath; feet cream white. Ex type in Field Museum of Natural History.

Measurements. Total length, 205; tail, 105; hind foot, 15. Skull: Greatest length, 30.4; zygomatic breadth, 17.3; interorbital constriction, 5.1; occipito-nasal length, 29.2; Hensel, 23; length of nasals, 12.2; palatal length, 16.1; length of upper tooth row, 12.3, including canines. Ex type in Field Museum of Natural History.

Marmosa mayensis Osgood.

Marmosa mayensis Osgood, Proc. Biol. Soc. Wash., XXVI, 1913, p. 176.

Type locality. Izamal, Yucatan, Mexico.

Genl. Char. Like *M. mexicana* but paler. Type in Field Museum of Natural History.

Color. Upperparts cinnamon mixed with dusky; flanks cinnamon; orbital ring black; underparts creamy white, base of hair on sides slate color; tail drab-brown. Type in Field Museum of Natural History.

Measurements. Total length, 228; tail, 118; ear, 15.

Marmosa invicta Goldman.

Marmosa invicta Goldm., Smith. Misc. Coll., LX, No. 2, 1912, p. 3.

Type locality. Cana, eastern Panama.

Color. Upperparts blackish slate; (the type is rusty, however, from the occiput); between shoulders to the lower part of the dorsal