

PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

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DIAGNOSES OF NEW FORMS OF MICROPODIDÆ AND  
TROCHILIDÆ.

BY ROBERT RIDGWAY.

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***Streptoprocne zonaris mexicana*** subsp. nov.

*Type* from Rio Seco, near Cordova, Vera Cruz, Mexico. No. 41,636, U. S. Nat. Mus. Adult male. January, 1866, Prof. F. Sumichrast.

Similar to *S. z. albicincta* (Cabanis), of Costa Rica and northern South America, but averaging larger, general coloration decidedly duller (less bluish) black, and forehead always distinctly grayish sooty. Adult male (type): Wing, 207.5 mm.; tail, 83; exposed culmen, 10; tarsus, 22.5; middle toe, 15.

***Chætura richmondi*** sp. nov.

*Type* from Guayabo, eastern Costa Rica. No. 209,570, U. S. Nat. Mus. Adult female. March 5, 1908. Museum-Zeledón Exped.

Similar to *C. gaumeri*, of Yucatan, but larger and coloration darker, the pileum and back more nearly black; spiny tips to rectrices longer, always well developed. Adult female (type): Wing, 115 mm.; tail, 37.5; exposed culmen, 4.5; tarsus, 10.5; middle toe, 8.

***Cypseloides niger jamaicensis*** subsp. nov.

*Type* from Mayfield, St. Andrews, Jamaica. No. 78,205, U. S. Nat. Mus. Adult female. June 25, 1879, Edward Newton.

Similar to *C. n. niger*, of Santo Domingo, but much darker (especially the adult female), the upper and under parts sooty black, more or less distinctly (but not conspicuously) paler or more grayish sooty on chin, throat, and chest. Adult female (type): Wing, 149.5 mm.; tail, 64.5; exposed culmen, 5.5; tarsus, 11.5; middle toe, 9.5.

***Cypseloides niger costaricensis*** subsp. nov.

*Type* from San José, Costa Rica. No. 108,275, U. S. Nat. Mus. Adult male? May 10, 1885, José C. Zeledón.

Similar to *C. n. borealis*, of western North America, but smaller and decidedly darker, the adult female with feathers of abdomen and flanks



usually more broadly tipped with white; adult male similar to that of *C. n. jamaicensis*, but wing averaging longer and tail decidedly shorter, and general color of head and neck decidedly more grayish. Adult male? (type): Wing, 155 mm.; tail, 57; exposed culmen, 6; tarsus, 12; middle toe, 9.

***Phœthornis longirostris veræcrucis* subsp. nov.**

*Type* from Buena Vista, Vera Cruz, southeastern Mexico. No. 177,330, U. S. Nat. Mus. Adult male. May 23, 1901, A. E. Colburn.

Similar to *P. l. mexicanus* (of southwestern Mexico) in white (instead of buff) terminal margins to lateral rectrices, but much smaller, and paler in coloration. Adult male: Wing, 60–65.5 (62.9) mm.; tail, 65–70 (67.9); culmen, 39–42.5 (40.3).\*

***Phœthornis adolphi saturatus* subsp. nov.**

*Type* from El Hogar, Costa Rica. No. 26,741, coll. Carnegie Museum. Adult male. December 19, 1905, M. A. Carriker, Jr.

Similar to *P. a. adolphi* (from southern Mexico), but adult male decidedly darker, especially chin, throat and chest, the first being distinctly dusky.

Guatemala to Panama. (Guatemalan specimens are intermediate, but seem to be more like those from Costa Rica than like those from Mexico.)

***Eupherusa eximia nelsoni* subsp. nov.**

*Type* from Motzorongo, Vera Cruz, Mexico. No. 155,363, U. S. Nat. Mus. (Biological Survey Coll.) Adult male. February 28, 1894, Nelson and Goldman.

Similar to *E. e. eximia*, but larger, especially the bill; green of underparts more yellowish, and black tip to lateral rectrices with line of demarcation against the basal white decidedly oblique and much less sharply defined.

*Adult male*.—Length, 93–103 (98) mm.; wing, 60.5–61 (60.7); tail, 34–35.5 (34.7); culmen, 18.5–19 (18.7).†

***Amizilis bangsi* sp. nov.**

*Type* from Volcan de Miravalles, northwestern Costa Rica. No. 16,682, coll. E. A. and O. Bangs. Adult male. September 7, 1895, C. F. Underwood.

Similar to *A. cinnamomea cinnamomea*, but whole side of neck, including lateral portions of lower throat, metallic greenish bronze or bronze-green instead of light cinnamon-rufous.

\*Adult males of *P. l. mexicanus* measure as follows: Wing, 67–69.5 (68.1); tail, 83–87 (84.6); culmen, 45.5–47 (46.1).

†Two specimens. The corresponding measurements of a series of eleven adult males of *E. e. eximia* (ten from Guatemala, one from Nicaragua) are as follows: Length, 84–93 (89); wing, 56.5–61 (58.7); tail, 32.5–34.5 (33.5); culmen, 16–19 (17.6).



***Anthracothorax prevosti gracilirostris*** subsp. nov.

*Type* from Bolson, Costa Rica. No. 22,629, coll. E. A. and O. Bangs. Adult male. December 16, 1907, C. F. Underwood.

Differing from *A. p. prevosti* in decidedly shorter and more slender bill, less bronzy or golden green upper parts, and darker under tail-coverts; from *A. p. hendersoni* in more slender bill and very much less bronzy color of upper parts and lateral under parts.

Costa Rica and Nicaragua.

Average measurements of the three forms are as follows:

*Males.*

<i>A. p. prevosti</i> (24 specimens) .	66	35.6	26.2
<i>A. p. gracilirostris</i> (9 specimens) .	65.9	35.3	24.4
<i>A. p. hendersoni</i> (4 specimens) .	67	36.7	22.9

*Females.*

<i>A. p. prevosti</i> (15 specimens) . .	64.7	34.3	28.1
<i>A. p. gracilirostris</i> (10 specimens)	65.2	35.4	25.4
<i>A. p. hendersoni</i> (2 specimens) .	66.2	35	22.7

***Florisuga mellivora tobagensis*** subsp. nov.

*Type* from Tobago. No. 74,908, U. S. Nat. Mus. Adult male. F. A. Ober.

Similar to *F. m. mellivora*, but decidedly larger.

*Measurements of type*.—Wing, 70.5; tail, 38.5 mm.

***Nesophlox*** gen. nov. (*Trochilidæ*).

*Type*.—*Trochilus evelynæ* Bourcier.

Similar to *Calliphlox* Boie, but wing relatively much larger, with outermost primary not attenuated terminally; adult males with lateral rectrices broadly edged with rufous on inner webs, and adult females with tail more than half as long as wing.

(*νησος*, island; *φλόξ*, a flame.)

Species:

*Nesophlox evelynæ* (Bourcier).

*Nesophlox lyrura* (Gould).

*Nesophlox bryantæ* (Lawrence).



Ridgway, Robert. 1910. "Diagnoses of new forms of Micropodidae and Trochilidae." *Proceedings of the Biological Society of Washington* 23, 53–55.

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