

3. ASIO GALAPAGOENSIS (Gould) Strickl.

(*Galapagoan Short-eared Owl.*)

Otus (Brachyotus) galapagoensis GOULD PZS. 1837, 10 (Galapagos).

Brachyotus galapagoensis BONAP. Consp. i, 1850, 51.—CASS. Illustr. B. Cal. Tex. etc. 1854, 183.

Otus galapagoensis DARWIN Voy. Beag. Birds, iii, 1844, 32, pl. 3.—GRAY Genera B. i, 1844, 40; List. B. Brit. Mus. —, 108; Hand-l. i, 1869, 51.

Asio galapagoensis STRICKL. Orn. Syn. i, 1855, 211.

Brachyotus palustris, c. *galapagoensis* COUES Birds N. W. 1874, 307.

"*Asio accipitrinus*" SHARPE Cat. Strig. Brit. Mus. 1875, 234 (part).

Asio accipitrinus, γ . *Asio galapagoensis* SHARPE t. c. 238 (*Galapagos*).

SMITHSONIAN INSTITUTION, January 13, 1881.

DESCRIPTION OF TWO NEW RACES OF MYADESTES OBSCURUS LAFR.

By LEONHARD STEJNEGER.

During a recent examination of the species of the genus *Myadestes*, I have found that *M. obscurus* ought to be divided into three distinct races. I am indebted to the kindness of the authorities of the National Museum for the opportunity of describing them.

Prof. S. F. BAIRD in his "Review" of American Birds, I, p. 431, has already remarked, that "in specimens from Western Mexico, Tonila, and Tres Marias, the ash of head invades the back," and that "the rufous of the back is paler." But I find, also, that the specimens from the continent and those from the islands mentioned differ from each other so essentially in other particulars, that I have thought it convenient to separate them as follows:

a^1 Head and neck slate-colored, rest of upper parts brownish olive.

1. *M. obscurus* LAFR.

a^2 Head, neck, and fore part of the back lighter ash-colored, changing gradually into the paler olivaceous of the remaining upper parts.

b^1 First primary not longer than the longest of the primary coverts; the second shorter than the seventh. Only the three outer tail-feathers tipped with white. Innermost secondaries without light edges on the tip.

2. *M. obscurus* var. *occidentalis* STEJNEGER.

b^2 First primary much longer than the longest of the primary coverts, the second equal to the seventh. All the tail-feathers distinctly tipped with white. Innermost secondaries with the tips light-edged.

3. *M. obscurus* var. *insularis* STEJNEGER.

MYADESTES OBSCURUS Lafr.

Myadestes obscurus LAFR. Rev. Zool. 1839, p. 98.—BAIRD, Rev. Amer. Birds, I, p. 430.—SCLAT. and SALV. Exot. Ornith. pt. iv, p. 49, pl. xxv.

DESCR.—(*U. S. Nat. Mus. No. 30722. Volcan de Fuego, Guatemala, Nov., 1861. O. SALVIN.*)—Slate-gray, the back brownish olive, more

rusty on the fore part, and more olivaceous on the rump and upper tail-coverts; upper head and neck gray, the latter slightly washed with olivaceous, the forehead scarcely lighter. Round the eye a pure white ring; chin, a stripe from the nostrils to above the eye, and another from the base of the lower mandible, between the black of the lores and line bordering the chin to below the eye dull whitish, fading out gradually into the gray of the sides of the head and the throat. The flanks are strongly suffused with olivaceous, the remaining under parts very slightly so, the middle of the belly and the edges of the under tail-coverts becoming dull white. Wing feathers brownish black, edged with bright rusty on the outer web; the concealed base and edge of the inner web of secondaries and inner primaries light buff, forming two large patches on the under side of the wing. Tail-feathers black, except the middle pair, which are gray, tinged with olive, especially on the outer web; the exterior pair has the outer web and the apical half of the inner one light grayish buff, the edge of the light-colored part and the tip being white; the next pair has only a wedge-shaped and similar colored patch towards the tip; the third pair with a narrow tip of white. Feet brown; bill brownish black.

List of specimens examined, and their dimensions.

U. S. National Museum catalogue number.	Locality.	When collected.	From whom received.	Sex and age.	Length of 1st primary.	Length of 2d primary.	Wing.	Tail to basal end of feathers.	Tarsus.	Middle toe and claw.	Bill: Exposed culmen.	Bill: Along gape.
13660	Orizaba, Mex		SCLATER	ad	mm 23	mm 63	mm 100	mm 97	mm 20	mm	mm 11	mm 19
30722	Volc. de Fuego, Guat	Nov., 1861	SALVIN	ad	22	61	99	96	20	20	11	19
37500	Orizaba, Mex		SUMICHRAST	ad	24	66	102	95	20	20	12	19

Wing formula.

United States National Museum catalogue number.	Distance from the tip of the longest primary to the tip of the—						
	1st.	2d.	3d.	4th.	5th.	6th.	7th.
	mm.	mm.	mm.	mm.	mm.	mm.	mm.
13660	56	13	3	0	0	2	11
30722	55	14	5	1	0	3	11
37500	54	13	3	0	1	5	14

Hab.—High table-land of Southern Mexico and Guatemala.

MYADESTES OBSCURUS var. *OCIDENTALIS* Stejneger.

Myiadestes obscurus LAFR. apud BAIRD, Rev. Amer. Birds, i, p. 430 (*part*).

DESCR.—(*U. S. Nat. Mus. No. 35038.*—♂ *ad. Tonila, Jalisco, October, 1863.* JOHN XANTUS.) Light slate-gray, only the interseapulars,

hind back, rump, and upper tail-coverts suffused with olive, somewhat rusty on the middle of the back; the head, neck, and upper back gray, forehead as light as the chin. Flanks pure gray without olive tinge. In other respects the colors agree with the typical form, excepting that the gray on the under parts is lighter and purer, and the rusty on the wings paler and more mixed with olive.

Dimensions.—Length of the first primary, 18^{mm}; of the second, 66^{mm}. Wing, 105; tail to basal end of feathers, 101; tarsus, 21; middle toe with claw, 19; exposed culmen, 11; and commissure, 18^{mm}.

Wing formula.—Distance from the tip of the longest primary to the tip of the 1st, 63; 2d, 16; 3d, 4; 4th, 0; 5th, 1; 6th, 4; and 7th, 13^{mm}.

Hab.—Southwestern coast of Mexico and Guatemala.

Remarks.—The chief differences between the typical *obscurus* and the above-described race consist in the rather duller shade of the gray, and the brighter color of the rusty in the former, and in the absence of the rusty or olive wash on the fore part of the back and the flanks in the latter. In many respects it comes very near to *Myadestes elisabeth*, but is easily distinguishable from this species by having the wings more rusty, and the upper head and fore part of the back pure gray.

MYADESTES OBSCURUS var. INSULARIS Stejneger.

Myiadeses obscurus LAWR. apud BAIRD, Rev. Amer. Birds, i, p. 430 (*part*).—LAWR. Proc. Bost. Soc. Nat. Hist. 1871, p. 277, and Extr. p. 19.

DESCR.—(*U. S. Nat. Mus. No. 37327*.—♂ *ad. Tres Marias Islands, Jan., 1865. Col. A. J. GRAYSON*.) In color this race shows very great resemblance to the foregoing, the olive-colored part of the back being only a trifle more rusty. It differs, however, in having the light forehead decidedly tinged with olivaceous buff, as also the light nalar stripe; besides, the flanks are slightly tinged with olive. The most striking differences, however, are the light buff edges on the tip of the innermost secondaries, and the small, but very distinct and pure white spot on the tip of *all* the tail feathers. GRAYSON (LAWR. l. c.) gives the color of the eyes and the feet as black; but the latter are in the three specimens before me clear umber brown.

List of specimens examined, and their dimensions.

U. S. National Museum catalogue number.	Locality.	When collected.	From whom received.	Sex and age.	Length of 1st primary.	Length of 2d primary.	Wing.	Tail to basal end of feathers.	Tarsus.	Middle toe and claw.	Bill: Exposed culmen.	Bill: Along gape.
37327	Tres Marias Islands ..	Jan., 1865	Colonel GRAYSON..	♂ ad.	mm 23	mm 67	mm 100	mm 102	mm 23	mm 21	mm 11	mm 17
37328	.....do	Jan., 1865	.....do	♂ ad.	mm 24	mm 65	mm 98	mm 96	mm 23	mm 22	mm 11	mm 18
55051	.....do .....	.....do .....	.....do	♂ ad.	mm 22	mm 65	mm 97	mm 96	mm 22	mm 21	mm 11	mm 19

Colonel Grayson gives (l. c.) the total length of the male, measured fresh, to 7.90 inches.

Wing formula.

United States National Museum catalogue number.	Distance from the tip of the longest primary to the tip of the—						
	1st.	2d.	3d.	4th.	5th.	6th.	7th.
	<i>mm.</i>	<i>mm.</i>	<i>mm.</i>	<i>mm.</i>	<i>mm.</i>	<i>mm.</i>	<i>mm.</i>
37327	53	9	2	0	0	3	10
37328	50	10	1	0	0	2	10
55051	51	10	1	0	0	2	10

Hab.—Tres Marias Islands.

Remarks.—This insular race is distinguishable from the var. *occidentalis* mainly by its less pointed wings and the longer first primary. In color, the two races agree very well, except that the bird from the Tres Marias Islands shows a faint olive wash all over. From both the other forms it may be easily distinguished by the light edgings on the inner secondaries, and the very distinct white tip of the tail feathers, which is to be found also on the three middle pairs. It seems that this character is constant, and that it does not depend on seasonal change or more or less good state of the feathers. All the specimens, which I have examined, seem to have been collected in the winter, and the quills are in all of them in a quite perfect state.

WASHINGTON, D. C., *January 12, 1882.*

DESCRIPTIONS OF TWO NEW THRUSHES FROM THE UNITED STATES.

By **ROBERT RIDGWAY.**

2a. *HYLOCICHLA FUSCESCENS SALICICOLA* subsp. nov.

(*Willow Thrush.*)

Turdus fuscescens BAIRD, B. N. Am. 1858, 922, 927 (Ft. Bridger, Wyoming); Rev. Am. B. i, 1864, 17 (part; spec. from Ft. Bridger).—ALLEN, Bull. M. C. Z. iii, 1872, 155, 173 (Mts. of Colorado).—RIDGW. Bull. Essex Inst. 1873, 172 (Salt Lake Valley, Utah); Bull. Essex Inst. 1873, 179 (Colorado); *ib.* 1875, 35 (Provo R., Utah); Orn. 40th Paral. 1874, 398 (valleys of Bear, Provo, and Weber R's, Utah; breeding).—HENSHAW, Ann. Lye. N. Y. xi, 1874 (Utah); Rep. Wheeler's Exp. 1874, 39, 56, 71 (do.); Zool. Wheeler's Exp. 1875, 148 (Denver & Ft. Garland, Colorado; breeding).—COUES, B. N. W. 1874, 5 (part).

Turdus (Hylocichla) fuscescens COUES, B. Col. Val. 1878, 39 (part).

CH.—Similar to *H. fuscescens*, but averaging decidedly larger, the upper parts much less tawny, and the jugulum less distinctly buff. Wing, 3.80–4.25 (4.02); tail, 2.95–3.40 (3.20); culmen, .55–.60 (.57); tarsus, 1.15–1.28 (1.17); middle toe, .65–.75 (.69).*

* Extreme and average measurements of 11 adults.