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NEW OR NOTEWORTHY BIRDS FROM THE
PARAGUAYAN CHACO

BY PIERCE BRODKORB

AMONG the birds recently received from Alberto Schulze from the Chaco west of Puerto Casado, Paraguay, several are worthy of special notice at this time, in advance of a report on the entire collection. The collecting station was 265 kilometers west of Puerto Casado, or at about $22^{\circ} 10' S.$, $60^{\circ} 15' W.$

I am indebted to Mr. John T. Zimmer for the loan of material for comparison from the American Museum of Natural History.

Icterus croconotus paraguayae, subsp. nov.

TYPE.—No. 90400, Mus. Zool. Univ. Mich., ♀ adult, 265 kilometers west of Puerto Casado, Paraguayan Chaco, 19 January, 1936, A. Schulze, number 1570.

CHARACTERS.—Agreeing with *Icterus croconotus strictifrons* Todd¹ of Bolivia in having a narrow black frontlet and a large amount of white in the wings, but with a black saddle across the interscapulum and a reduced amount of yellowish orange in the lesser wing coverts.

MEASUREMENTS (in mm.).—Wing 98–106, tail 93.5–98.5, culmen 26–26.5, tarsus 28, middle toe 17–20.5.²

¹ "Descriptions of eight new Neotropical birds," *Proc. Biol. Soc. Wash.*, 37, 1924: 122 (Palmarito, Bolivia).

² Two specimens.

Female: wing 88.5–91, tail 85.5–86, culmen 24.5–26, tarsus 27, middle toe 17.5–18.³

Pheucticus aureo-ventris (d'Orbigny and Lafresnaye)

An adult male was taken on May 5, 1936, two young males February 9–10, and a female on January 9.

This species has not been recorded before from Paraguay.

Paroaria cristata schulzei, subsp. nov.

TYPE.—No. 90398, Mus. Zool. Univ. Mich., ♂ adult, 265 kilometers west of Puerto Casado, Paraguayan Chaco, 10 February, 1936, A. Schulze, number 1655.

CHARACTERS.—In coloration like *Paroaria cristata cristata* (Boddaert) of southern Brazil and Argentina, but wings slightly shorter; bill smaller and much more attenuate at the tip; tarsi and toes shorter.

Measurements in mm.							
	Wing	Tail	Culmen	Depth of bill	Width of bill	Tarsus	Middle toe
♂ adult (type) ...	102.5	85.5	15	9.5	7.5	23.5	17
♀ adult	95	76.5	15.5	9.5	8	23	15
♀ adult	88	76	14.5	9.5	7.5	21.5	15
♀ juvenile	90	75.5	15.5	9	8	23.5	16

MEASUREMENTS (in mm.).—Of the typical form: wing 102.5–108.5 (104.5), tail 81–91.5 (85.3), culmen 16.5–17.5 (17.0), depth of bill 10–12 (11.3), width of bill 8.5–9.5 (9.1), tarsus 25.5–28 (26.6), middle toe 17–19 (17.9).⁴

Female: wing 100–104 (101.7), tail 83–86.5 (84.8), culmen 16.5–18.5 (17.2), depth of bill 9.5–12 (10.5), width of bill 8.5–9.5 (9.0), tarsus 25.5–26.5 (26.0), middle toe 17.5–19 (18.2).⁵

I am pleased to name this lovely bird after the collector.

³ Two specimens.

⁴ Four specimens.

⁵ Three specimens.

