

Article VII.—TWO NEW DIVING PETRELS.

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Recent studies on the Pelecanoididæ have brought to light a new species and a new subspecies, descriptions of which are here presented in advance of the publication of a detailed review of the entire family.

***Pelecanoides urinatrix chathamensis* subsp. nov.**

Type locality.—Chatham Islands, about latitude 44° S., longitude 177° W.

Type specimen.—No. 151112, U. S. National Museum; adult male; collected in February, 1893; received from S. Dannefaerd.

Geographic range.—Chatham Islands and adjacent waters.

General characters.—Similar in coloration to *Pelecanoides urinatrix urinatrix*, but smaller.

Adult male.—Length (skins), 182–196 (187); wing, 111.5–114 (112.8); tail, 34–37 (35.7); exposed culmen, 15–15.5 (15.3); width of bill, 7.5; depth of bill,¹ 6–6.5 (6.2); tarsus, 25–26 (25.7); middle toe and claw, 31.5–33 (32.2).²

Adult female.—Length (skin), 175; wing, 109.5; tail, 34.5; exposed culmen, 15.5; width of bill, 7; depth of bill, 6; tarsus, 24; middle toe and claw, 29.³

Remarks.—The specimens of *P. u. urinatrix* used for comparison are virtually topotypes of that form, since they were secured at Stephens Island, New Zealand, approximately 30 miles from Queen Charlotte Sound, the type locality. The measurements of the two forms are compared in the following table:

¹ Measured just in front of nasal tubes.

² Three specimens.

³ One specimen.

Pelecanoides urinatrix urinatrix.

Locality	Wing	Tail	Exposed culmen	Width of bill	Depth of bill	Tarsus	Middle toe and claw
One adult male from Stephens Island.....	133	41	16.5	8	7	27	35
One adult female from Stephens Island.....	123	38	17	8	7.5	28	33

Pelecanoides urinatrix chathamensis.

Three adult males from Chatham Islands.....	112.8	35.7	15.3	7.5	6.2	25.7	32.2
One adult female from Chatham Islands.....	109.5	34.5	15.5	7	6	24	29

Specimens examined.—Four, from Chatham Islands.

***Pelecanoides georgica* sp. nov.**

Type locality.—Cumberland Bay, South Georgia, latitude 54° 16' S., longitude 36° 26' W.

Type specimen.—No. 132451, American Museum of Natural History; adult male; collected December 26, 1914, by José G. Correia.

Geographic range.—South Georgia and adjacent waters.

General characters.—Size small, approximating that of *P. urinatrix chathamensis*; bill less deep, proportionately wider at the base, and laterally more tapering, than in other *Pelecanoididæ*; processes on internasal septum more prominently developed and more anterior in position than in any form of *P. urinatrix*; mottling of jugulum decidedly variable, becoming very pronounced in some specimens.

Adults (sexes alike).—Upper parts glossy black; scapulars grayish white, with an obscure subterminal band of deep neutral gray, broader and slightly darker on outer web; the scapulars more or less overlaid and concealed by the dark interscapulars, but forming in many specimens a broad, conspicuous diagonal stripe; wings glossy black, more or less tinged with brownish, especially on primaries; secondaries generally edged narrowly with whitish, and primaries becoming pale on edge of inner web; under wing-coverts white, sometimes mottled with pale neutral gray, and the shafts sometimes dark terminally; rectrices blackish brown, with a slight gloss, paler on the under surface, and the worn lateral feathers sometimes showing whitish edges; anterior part of forehead and lores suffused with clove brown; under parts white; cheeks and sides of neck deep neutral gray, the feathers narrowly tipped with white; this gray mottling varying much in intensity and distribution, and in some specimens

extending completely across the jugulum; axillaries, sides, and flanks barred more or less strongly with neutral gray, the feathers tipped with white; feathers of tibia deep mouse gray; down plumules and after-shafts over entire body varying from deep mouse gray to dark mouse gray, with lighter tips. Processes on internasal septum situated at its longitudinal center. Bill black, rami of mandible slaty; iris seal brown; tarsi and toes flax-flower blue; webs black.

Adult male.—Length (skins), 193–218 (202.6); wing, 104–122 (112.7); tail, 34–42 (37.7); exposed culmen, 14–16 (14.9); width of bill, 8–10 (8.9); depth of bill, 5.5–6 (5.8); tarsus, 22–26 (24.4); middle toe and claw, 27–33 (30.1).¹

Adult female.—Length (skins), 181–215 (198.2); wing, 104–120 (113.8); tail, 34–43 (38.2); exposed culmen, 14–16 (14.7); width of bill, 8–9.5 (8.8); depth of bill, 5–6 (5.7); tarsus, 21–26 (24.2); middle toe and claw, 26–32 (29.9).²

Specimens examined.—Total number, 246, all from South Georgia.

¹ One hundred specimens; only twenty, however, measured for total length and for depth of bill.

² Eighty-five specimens; only twenty, however, measured for total length and for depth of bill.

