

One midwinter record; rather common in the vicinity of Tiburón Island, December 28, 1931. While there is at least one other sight record for the Gulf area (La Paz), no specimens have been collected and the subspecies present is a matter of doubt.

ORDER COLYMBIFORMES GREBES

Family COLYMBIDAE Grebes

COLYMBUS DOMINICUS BANGSI VAN ROSSEM AND HACHISUKA

BANGS LEAST GREBE

Colymbus dominicus bangsi van Rossem and Hachisuka, Trans. San Diego Soc. Nat. Hist., 8, No. 23, June 15, 1937, 323 (Santiago, Baja California, México); *ibid.*, in text (Agiabampo).—Wetmore, 1943, 231, in text (Sonora; crit.).—A.O.U. Comm., 1944, 442 (Sonora).

Status uncertain. The only two Sonora records to date are those of a specimen in breeding plumage taken at Agiabampo on April 21, 1933, and another taken by Seth Benson (Mus. Vert. Zool.) at Camoa on April 22, 1939. A supplementary occurrence is at Quitovaquita, just on the Arizona side of the boundary, April 28, 1939 (Huey, 1942, 363; exam. in Nat. Hist. Mus.).

COLYMBUS NIGRICOLLIS CALIFORNICUS (HEERMANN)

AMERICAN EARED GREBE

Podiceps Californicus Heermann, Proc. Acad. Nat. Sci. Phila., 7, October, 1854 [=April 12, 1855], 179 (California=San Pedro, Los Angeles County).

Podiceps californicus Grant, 1898, 535 (Guaymas).—Salvin and Godman, 1904, 442 (Guaymas).

Podiceps auritus var. *californicus* Lawrence, 1874, 319 (Guaymas).

Dytes nigricollis Californicus Baird, Brewer, and Ridgway, 1884, 434 (Guaymas).

Colymbus nigricollis californicus Bent, 1919, 27 (Guaymas).—van Rossem, 1932, 128 (coastal localities in winter).—Huey, 1935, 250 (Punta Peñascosa).—van Rossem and Hachisuka, 1937 a, 324 (coastal localities in spring).

Common winter visitant and abundant spring migrant along the coast and about off-shore islands from Guaymas north (numerous localities) to Punta Peñascosa near the head of the Gulf. The absence of records from south of Guaymas may or may not be significant; however, on the Baja California side also (Grinnell, 1928, p. 54), the species is obviously more common northerly. Extreme seasonal dates are December 23 and April 25, the locality for both dates being Guaymas.

AECHMOPHORUS OCCIDENTALIS (LAWRENCE)

WESTERN GREBE

Podiceps occidentalis Lawrence, in Baird's Rep. Expl. and Surv. R. R. Pac., 9, 1858, 892, 894 (Washington Territory to California=Fort Steilacoom, Washington).

Aechmophorus occidentalis Price, 1899, 90 (mouth of the Colorado River).—van Rossem and Hachisuka, 1937 a, 324 (Guaymas).

Probably a rather common winter visitant in the Colorado delta, southward, sporadically at least, to Guaymas. Contributory data from the Baja California portion of the delta are relatively numerous and there is some seasonal evidence of breeding there. The latest record specifically from Sonora is March 27 (Guaymas).

PODILYMBUS PODICEPS PODICEPS (LINNAEUS)

PIED-BILLED GREBE

Colymbus Podiceps Linnaeus, Syst. Nat., ed. 10, 1, 1758, 136 (in America septentrionali=South Carolina).

Podilymbus podiceps Thayer and Bangs, 1906, 18 (Opodepe).

Detected only as a spring migrant. The two known specimens were taken, respectively, by Brown at Opodepe in late April, 1905 (exact date not published), and by Mearns and Holzner at Monument 204 on the Colorado River on March 24, 1894 (U. S. Nat. Mus. catl.). There are winter records for the Colorado delta, though for the Baja California side.

ORDER PROCELLARIIFORMES TUBE-NOSED SWIMMERS

Family PROCELLARIIDAE Shearwaters, Fulmars, and Petrels

PUFFINUS GRISEUS (GMELIN)

SOOTY SHEARWATER

Procellaria grisea Gmelin, Syst. Nat., 1, Pt. 2, 1789, 564 (in hemisphaerio australi—inter 35° et 50°=New Zealand).

Puffinus griseus van Rossem and Hachisuka, 1937 a, 324 (near Tiburon Island).

Uncommon spring and summer visitant in the Gulf. Records for the general area extend from April to August; those definitely from Sonora waters are April 19 [not 25], 1925, and a single bird seen by Dickey (notes) on June 2, 1928, both in the vicinity of Tiburón Island.