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UNITED STATES NATIONAL MUSEUM.

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# BULLETIN

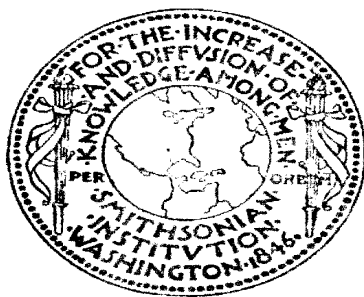
OF THE

UNITED STATES NATIONAL MUSEUM.

No. 50.

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PART VI.



WASHINGTON:

GOVERNMENT PRINTING OFFICE.

1914.

*f.* Color of back, etc., decidedly grayish brown (grayish hair brown to bistre or grayish snuff brown).

*g.* Smaller (wing averaging less than 88 in male, less than 94 in female).

*h.* Tail longer (averaging 63 in male, 61.5 in female); brown throat-band less distinct (?). (Southern Lower California.)

*Glaucidium gnoma hoskinsii* (p. 788).

*hh.* Tail shorter (averaging 59.2 in male, 59.4 in female); brown throat-band more distinct (?). (Northern and central Mexico.)

*Glaucidium gnoma gnoma* (p. 785).

*gg.* Larger (wing averaging 90 or more in males, more than 95 in females).

*h.* Color of upper parts grayer (back, etc., grayish hair brown); larger (wing averaging 95.4 in male, 101.2 in female). (Rocky Mountains of United States, from Arizona and New Mexico to Montana.)

*Glaucidium gnoma pinicola* (p. 789).

*hh.* Color of upper parts browner (back, etc., broccoli brown to light bistre or grayish snuff brown); smaller (wing averaging 93.6 in male, 95.7 in female). (California, except northern coast district, and northward to interior of British Columbia.)

*Glaucidium gnoma californicum* (p. 790).

*ff.* Color of back, etc., decidedly brown to deep brown or rufescent brown.

*g.* Color of upper parts lighter and more rufescent brown (back, etc., snuff brown to verona brown).

*h.* Smaller (wing averaging 87.4 in male, 93.7 in female). (Mexico.)

*Glaucidium gnoma gnoma*, rufescent phase (p. 786).

*hh.* Larger (wing averaging 93 in male, 95.6 in female). (Coast district, from San Francisco Bay to southern British Columbia.)

*Glaucidium gnoma grinnelli* (p. 791).

*gg.* Color of upper parts darker and more sooty brown (back, etc., dark bistre to warm sepia). (Wing averaging 90 in male, 93.7 in female.) (Vancouver Island, British Columbia.)

*Glaucidium gnoma swarthi* (p. 793).

*ee.* Stripes on under parts light brown, relatively broader; smaller, with relatively shorter tail (tail 54 in male, 55 in female); feathering of tarsus shorter, ending abruptly above base of toes. (Southwestern Mexico, in State of Guerrero and Territory of Tepic.)

*Glaucidium palmarum* (p. 793).

*cc.* Back neither spotted nor barred (uniform brown); sides of breast plain brown; tail with only four transverse series of white spots. (*Glaucidium pumilum*.)

*d.* General coloration more rufescent, especially stripes on under parts. (Southern Brazil to British Guiana.)

*Glaucidium pumilum pumilum* (extralimital).<sup>a</sup>

*dd.* General color less rufescent. (Panama to Guatemala.)

*Glaucidium pumilum griseiceps* (p. 795).

<sup>a</sup> *Strix pumila* Lichtenstein, Verz. Säugeth. Vög. K. Univ. Berlin, 1818, 28 (Brazil; no descr., but cites "*Caburé* Azara *Chouette* LeVail[ant]"); Temminck, Planch. Col., ii, livr. 7, Feb., 1821, pl. 39 and text (Paraguay; Brazil).—"L" *ie.* *S[trix] pumila* Lichtenstein, Verz. Doubl., 1823, 60 (Bahia and São Paulo, Brazil; description; coll. Berlin Mus.).—*Noctua pumila* Stephens, Shaw's Gen. Zool., xiii, pt. 2, 1826, 68.—*A[thena] pumila* Gray, Gen. Birds, i, 1845, 35.—*G[laucidium] pumilum* Kaup, Jardine's Contr. Orn., 1852, 103 (monogr.).—*Glaucidium pumilum* Kaup, Trans. Zool. Soc. Lond., iv, 1859, 202 (monogr.; habits); Burmeister, Syst. Ueb. Th. Bras., ii, 1856, 144; Ridgway, Proc. Bost. Soc. N. H., xvi, 1873, 97, part (monogr.); Ibis, 1876, 16, part (crit.); Sharpe, Ibis, 1875, 40, 56, pl. 2, fig. 1 (monogr.); Cat. Birds Brit. Mus., ii, 1875, 198; Salvin, Ibis, 1886, 72 (Camacusa, Brit. Guiana); Allen, Bull. Am. Mus. N. H., ii, 1889, 266 (as to type of *Strix minutissima* Maximilian).—*G[lauci-*

- [*Glaucidium*] *passerinum* var. *californicum* COUES, Key N. Am. Birds, 1872, 206, part.
- Glaucidium passerinum*, var. *californicum* RIDGWAY, Proc. Bost. Soc. N. H., xvi, 1873, 317, part (monogr.); in Baird, Brewer, and Ridgway, Hist. N. Am. Birds, iii, 1874, 81, part.
- Glaucidium passerinum* . . . var. *californicum* COUES, Check List, 1873, no. 329, part.
- [*Glaucidium passerinum*] b. *californicum* COUES, Birds Northwest, 1874, 317, footnote, part.
- Glaucidium gnoma californicum* BROOKS, Auk, xx, 1903, 281 (Willow R., Caribou Distr., Brit. Columbia).
- Glaucidium gnoma* (not of Wagler) CASSIN, in Baird, Rep. Pacific R. R. Surv., ix, 1858, 62, part (Cascade Mts.; California).—BAIRD, Cat. N. Am. Birds, 1859, no. 60, part.—RIDGWAY, Proc. U. S. Nat. Mus., iii, 1880, 192, part; Nom. N. Am. Birds, 1881, no. 409, part.—BELDING, Proc. U. S. Nat. Mus., i, 1879, 434 (Murphy's and Soda Springs, California); v, 1883, 550 (Murphy's; notes).—BENDIRE, Bull. Nutt. Orn. Club, viii, 1883, 242 (Ft. Klamath, e. Oregon; descr. nest and eggs); Life Hist. N. Am. Birds, (i), 1892, 403, part.—AMERICAN ORNITHOLOGISTS' UNION, Check List, 1886 (and 2d ed., 1895), no. 379, part.—MERRILL (J. C.), Auk, v, 1888, 146 (Ft. Klamath, e. Oregon; habits); xiv, 1897, 353 (Ft. Sherman, n. w. Idaho).—RHODES, Auk, x, 1893, 18 (Vernon, e. Brit. Columbia); Proc. Ac. Nat. Sci. Phila., 1893, 41 (Vernon).—GRINNELL (J.), Pub. 2, Pasadena Ac. Sci., 1898, 24 (mts. north of Pasadena, Los Angeles Co., California).—RAY, Auk, xx, 1903, 183 (Glen Alpine, centr. Sierra Nevada, 6,700 ft., breeding).—SHARP, Condor, ix, 1907, 87 (San Diego Co., California, breeding).
- [*Glaucidium*] *gnoma* COUES, Key N. Am. Birds, 2d ed., 1884, 514, part.—RIDGWAY, Man. N. Am. Birds, 1887, 266, part.
- Glaucidium gnoma gnoma* GRINNELL (J.), Pacific Coast Avifauna, no. 3, June 25, 1902, 36 (California range; east of Coast Range, from Mt. Shasta to San Bernardino Mts.).—AMERICAN ORNITHOLOGISTS' UNION, Check List, 3d ed., 1910, 178 (Caribou District, Brit. Columbia).—SWARTH, Condor, xii, 1910, 109 (San Bernardino Mts., s. California, breeding).—WILLETT, Pacific Coast Avifauna, no. 7, 1912, 53 (mts. north of Pasadena, Arroyo Seco, and San Gabriel Canyon, Los Angeles Co.; near Carpintera, Santa Barbara Co; near Escondido, San Diego Co.; San Bernardino Mts., 5,500–6,753 ft.).
- Glaucidium gnoma vigilante* GRINNELL (J.), Auk, xxx, April, 1913, 224 (4 miles north of Pasadena, Los Angeles Co., California, 2,250 ft. alt.; coll. J. Grinnell).

### GLAUCIDIUM GNOMA GRINNELLI Ridgway.<sup>a</sup>

#### COAST PYGMY OWL.

Similar to *G. g. californicum* but much browner, the general color of upper parts varying from deep snuff brown to verona brown; spots on upper parts (especially those on pileum and hindneck) distinctly fulvous or rufescent.

*Adult male.* Length (skins), 159–194 (169); wing, 89–96 (93), tail, 61–70 (64.5); culmen (from cere), 10–11 (10.5).<sup>b</sup>

<sup>a</sup> New subspecies. (Type no. 107389, coll. U. S. Nat. Mus., adult male, Humboldt Bay, Calif., Nov. 28, 1885; C. H. Townsend.)

<sup>b</sup> Nine specimens.

*Adult female*.—Length (skins), 158–186 (168); wing, 88.5–100.5 (94.9); tail, 62–72.5 (66.6); culmen (from cere), 10.5–11.5 (10.9).<sup>a</sup>

Humid coast district of California (from Monterey County northward), Oregon, Washington, and coast mainland of southern British Columbia (Port Moody; New Westminster; Sumas; Okanogan, February; Chilliwack, Nov. 30; Mount Lehman; extreme southern end of Vancouver Island?); east to west base of Mount Shasta and Lake County, California, and (casually?) to Spokane, eastern Washington.

*Strix passerinoides* (not of Temminck) TOWNSEND (J. K.), Journ. Ac. Nat. Sci. Phila., viii, 1839, 152.—AUDUBON, Orn. Biog., v, 1839, 271, pl. 432, figs. 4, 5.—NUTTALL, Man. Orn. U. S. and Can., Land Birds, 2d ed., 1840, 148 (Ft. Vancouver, Washington; habits).

*Surnia passerinoides* AUDUBON, Synopsis, 1839, 23; Birds Am., oct. ed., i, 1840, 117, pl. 30.

(?)*Glaucidium infuscatum* (not *Strix infuscata* Temminck) CASSIN, Illustr. Birds Calif., Texas, etc., 1854, 189, part (Oregon).

*Glaucidium californicum* SCLATER, Proc. Zool. Soc. Lond., 1857, 126 (not of p. 41; San José Valley, California; crit.).—COOPER, Orn. Calif., 1870, 444, part.—ALLEN (C. A.), Bull. Nutt. Orn. Club, iii, 1878, 193 (Nicasio, Marin Co., California; habits).—COOPER (W. A.), Bull. Nutt. Orn. Club, iv, 1879, 86 (Santa Cruz, California; breeding habits; descr. nest and eggs).

[*Glaucidium*] *californicum* SHARPE, Hand-list, i, 1899, 298, part.

[*Glaucidium*] *passerinum* var. *californicum* COUES, Key N. Am. Birds, 1872, 206, part.

*Glaucidium passerinum* . . . var. *californicum* COUES, Check List, 1874, no. 329, part.

[*Glaucidium passerinum*] b. *californicum* COUES, Birds Northwest, 1874, 317, footnote, part.

*Glaucidium passerinum* var. *californicum* RIDGWAY, Proc. Bos. Soc. N. H., xvi, May, 1873, 94, part (descr. of adult male; monogr.); in Baird, Brewer, and Ridgway, Hist. N. Am. Birds, iii, 1874, 81, part (descr. adult male).

*Glaucidium passerinum californicum* BREWSTER, Bull. Nutt. Orn. Club, iv, Jan., 1879, 42 (Nicasio, California; descr. autumnal plumage of young).

*Glaucidium gnoma californicum* BENDIRE, Auk, v, Oct., 1888, 366 (coast, from San Francisco Bay to British Columbia).—AMERICAN ORNITHOLOGISTS' UNION, Suppl. to Check List, 1889, 9; Check List, 2d ed., 1895, no. 379a; 3d ed., 1910, 178.—CHAPMAN, Bull. Am. Mus. N. H., iii, 1890, 136 (Mt. Lehman, etc., s. w. Brit. Columbia).—LAWRENCE (R. H.), Auk, xii, 1892, 44 (East Humptulips, Washington).—BENDIRE, Life Hist. N. Am. Birds, (i), 1892, 407.—RHODES, Proc. Ac. Nat. Sci., Phila., 1893, 42 (Brit. Columbia west of Cascade Mts.).—RIDGWAY, Man. N. Am. Birds, 2d ed., 1896, 593.—BROOKS, Auk, xvii, 1900, 106 (Brit. Columbia).—JOHNSON (A. W.), Condor, iv, 1902, 18 (Hasting's Ranch, Lake County, California).—GRINNELL (J.), Pacific Coast Avifauna, no. 3, 1902, 36 (California range).—RATHBUN (S. F.), Auk, xix, 1902, 134 (Seattle, Washington).—STONE, Proc. Ac. Nat. Sci. Phila., 1904, 581 (Mt. Sauhedrin, Mendocino Co., California).—KERMODE, Provinc. Mus. Victoria, 1909, 47, part (s. part of mainland coast, Brit. Columbia).

G[*laucidium*] *gnoma californicum* NELSON, Proc. Biol. Soc. Wash., xxiii, 1910, 104 (measurements).—GRINNELL (J.), Auk, xxx, 1913, 224 (measurements).

<sup>a</sup> Twelve specimens.