

## BIBLIOGRAPHY

THE COMPILATION of this bibliography, together with those of certain other Mexican states, was begun in a casual way in 1929 when plans for work in the field of Mexican ornithology were still rather nebulous. The "chore" of making it as complete as possible has been carried on at irregular intervals and with varying degrees of intensity ever since that time. In it I have included every formal reference to Sonora birds which has been found, no matter how trivial, except that reviews, as such, have been omitted unless they contain controversial comment or additional information. It would easily have been possible to eliminate some fifty or sixty other titles as of little consequence so far as Sonora is concerned, but on the other hand many of these are far from trivial in relation to other Mexican states.

In addition to strictly ornithological matter, a few of the more important papers dealing with the botanical, mammalogical and ecological or faunal aspects of the State have been included, as have two or three books which contain excellent descriptive accounts of certain areas.

Titles have been transcribed personally, in most cases from the original publication. Even so there will be errors and, of course, there are undoubtedly some items which have been overlooked. The closing date, after which no titles have been listed, is November 10, 1944.

## ABBOTT, C. G.

1941. Observations at Guaymas, Sonora, Mexico. *Auk*, 58: 416-418, July 9.  
Various water-birds seen in the vicinity.

## ALDRICH, J. W.

1942. Specific relationships of the Golden and Yellow Warblers. *Auk*, 59: 447-449, July 1.  
The Sonora Yellow Warbler becomes *Dendroica petechia sonorana*.
1944. Notes on the races of the white-breasted nuthatch. *Auk*, 61: 592-604, October 20.  
*Sitta carolinensis nelsoni* and *S. c. umbrosa* occur in Sonora.

## ALDRICH, J. W. and BOLE, B. P., JR.

1937. The birds and mammals of the western slope of the Azuero Peninsula [Republic of Panama]. *Sci. Publ. Cleveland Mus. Nat. Hist.*, 7: 1-196, map, 12 ills, August 31. [Birds by Aldrich].  
*Buteogallus anthracinus anthracinus* (p. 47) at Cajón Bonito Creek.

## ALLEN, J. A.

- 1886a. The Masked Bob-white (*Colinus ridgwayi*) in Arizona. *Auk*, 3: 275-276, April.  
Critical remarks on the type specimen (from Sonora).

- 1886b. The Masked Bob-white (*Colinus ridgwayi*) of Arizona, and its Allies. Bull. Amer. Mus. Nat. Hist., 1: 273-291, pl., July.  
Historical account to date with discussion of systematic status and range in Arizona and Sonora.
- 1886c. The Type Specimen of *Colinus ridgwayi*. Auk, 3: 483, October.  
Said to be in G. F. Morcom collection. [Now in British Museum].
1892. The North American species of the genus *Colaptes*, considered with special reference to the relationships of *C. auratus* and *C. cafer*. Bull. Amer. Mus. Nat. Hist., 4: 21-44, map, March 8.  
Casual mention of *Colaptes cafer* and *Colaptes chrysoides* in Sonora.
- 1893a. List of mammals and birds collected in northeastern Sonora and northwestern Chihuahua, Mexico, on the Lumholtz archeological expedition, 1890-92. Bull. Amer. Mus. Nat. Hist., 5: 27-42, March 16.  
An atrociously careless list of 162 species of birds, with frequent mis-identifications, misspelling of localities, many incorrect localities and dates, and with only the vaguest indications as to the state in which some of the localities are situated. A large part of the "Hypothetical List" is derived from this source. The professed authorship of this paper may well be viewed with skepticism.
- 1893b. The geographical origin and distribution of North American birds, considered in relation to faunal areas of North America. Auk, 10: 97-150, 2 maps, April.  
Various conceptions of the "Sonoran" life zone discussed. An important contribution on the distribution of Mexican as well as North American birds.

## AMERICAN ORNITHOLOGISTS' UNION COMMITTEE.

1886. The code of nomenclature and check-list of North American birds. (Amer. Orn. Union, New York), pp. viii-392.  
At this date only five species, *Spinus psaltria*, *Peucaea arizonae*, *Harporhynchus curvirostris palmeri*, *Harporhynchus lecontei*, and *Harporhynchus bendirei* are mentioned from Sonora.
1890. Second supplement to the American Ornithologists' Union check-list of North American birds. Auk, 7: 60-66, January.  
*Empidonax griseus* added.
1891. Third supplement to the American Ornithologists' Union check-list of North American Birds. Auk, 8: 83-90, January.  
*Otocoris alpestris pallida* added.
1895. Check-list of North American birds. (2nd ed., revised, Amer. Orn. Union, New York), pp. xii-372, December 9.  
19 species ascribed to Sonora, usually without definite locality.
1897. Eighth supplement to the American Ornithologists' Union check-list of North American birds. Auk, 14: 117-135, January.  
*Sula gossi* and *Otocoris alpestris pallida* are affected.
1899. Ninth supplement to the American Ornithologists' Union check-list of North American birds. Auk, 16: 97-133, January.  
*Amphispiza bilineata deserticola* added.

1903. Twelfth supplement to the American Ornithologists' Union check-list of North American birds. *Auk*, 20: 331-368, July.  
*Otocoris alpestris occidentalis* and *Sitta carolinensis nelsoni* added.
1910. Check-list of North American birds. 3rd. ed., (Amer. Orn. Union, New York), 430 pp., 2 maps, August.  
 Some 50 additional species and subspecies are stated to occur in Sonora but only rarely are definite localities cited.
1912. Sixteenth supplement to the American Ornithologists' Union check-list. *Auk*, 29: 380-387, July 6.  
*Colaptes chrysoides mearnsi* added.
1931. Check-list of North American birds. 4th. ed. (Amer. Orn. Union, Lancaster, Pa.), pp. xx-526, October 1.  
 So far as Sonora is concerned there are few changes from 1910.
1944. Nineteenth supplement to the American Ornithologists' Union check-list of North American birds. *Auk*, 61: 441-464, July 12.  
 Many cases involve, directly or indirectly, the nomenclature of Sonora birds.

## ANONYMOUS.

1891. Notes and News. *Auk*, 8: 320-321, July.  
 Notice of J. C. Cahoon (death), with mention of his field work in Sonora.

## ANTHONY, A. W.

1894. Notes on the genus *Heleodytes* with a description of a new subspecies. *Auk*, 11: 210-214, July.  
 Including speculation on the type of [*Picolaptes*] *brunneicapillus* Lafresnaye.
1897. New birds from the islands and peninsula of Lower California. *Auk*, 14: 164-168, April.  
 Critical comment on a Sonora specimen of *Harporhynchus lecontei*.

## ARVEY, D. M.

1941. A New Race of Bush-tit from Southeastern California. *Condor*, 43: 74-75, January 15.  
 Comment on the characters of *Psaltriparus minimus cecaumenorum* of Sonora.

## AUDUBON, J. W.

1906. Audubon's western journal: 1849-1850 (The Arthur H. Clark Co., Cleveland), pp. ii-249, 6 pls., 1 map.  
 Chapter 3, "Across the Mexican mountains to Altar" is the Sonora portion of the narrative. None of the birds noted are treated formally although many are identifiable, with more or less certainty. Most interesting, perhaps, is his reference to "plenty of the California partridge [i. e., the Gambel Quail] . . . and Gambel's blue partridge" [Arizona Scaled Quail] at Altar. At "Rancho La Sone" [Sonoyta] he noted the "Red-shafted woodpecker" in numbers (September 14), and along the Sonoyta River the "American avoset, long-billed curlew and Canada crane."

## BAILEY, F. M.

1928. *Birds of New Mexico*. Judd and Detweiler, Inc., Washington, xxiv-807 pp., 79 pls., 136 text figs., 2 diagrams.

Frequent mention of Mearns-taken specimens from the west slope of the San Lu s Mountains, both north and south of the boundary. Most of the "Sonora" general range inclusions apparently are taken from the "Check-list," 3rd ed.

## BAIRD, S. F.

1858. *Birds*. Pacific Railroad Reports, 9, (pt. 2), pp. lvi-1005.  
A few Sonora specimens recorded, mostly taken by Dr. Kennerly in the vicinity of Nogales.
1859. *Birds of the boundary*. United States and Mexican boundary survey, 2 (pt. 2), 32 pp., 25 pls.  
As concerns Sonora, mostly a repetition of 1858.
1860. *The Birds of North America*. (J. P. Lippincott and Co., Philadelphia), 2 vols., text (1), lvi-1005 pp., plates (2), xi pp., 100 pls.  
Letter press is almost identical with 1858. Both of these items are often cited under the triple authorship of Baird, Cassin, and Lawrence, since the latter two contributed certain specified sections. The main body of the work is that of Baird.

1866. *The Distribution and Migrations of North American Birds*. Amer. Journ. Sci. and Arts, 41, sec. ser., No. 121, January: 78-90; No. 122, March: 184-192; No. 123, May: 337-347.

Baird's designation of the mouth of the Yaqui River as a boundary between two major ornithological "provinces" is amazingly accurate in view of the scant data available at that time.

## BAIRD, S. F., BREWER, T. M., and RIDGWAY, R.

1874. *A history of North American birds*. Land birds. (Little, Brown, and Company, Boston). Vol. 1, xxviii-596-vi pp., 26 pls.; Vol. 2, iv-590-vi pp., 30 pls.; Vol. 3, iv-560-xxviii pp., 8 pls.; 593 text figs. in 3 vols.  
Several species mentioned from Sonora, principally on previously published data.
1884. *The water birds of North America* (=Memoirs Mus. Comp. Zo l., 12-13; Little, Brown, and Company, Boston). Vol. 1, xi-537 pp.; Vol. 2, vi-552 pp.; many text figs. in both vols.  
Occasional references to the very few water birds known at that time to occur in Sonora.

## BANCROFT, G.

1926. *The faunal areas of Baja California del Norte*. Condor, 28: 209-215, map, September 21.  
Includes portions of Sonora in the "Colorado Desert District."
- 1927a. *Breeding birds of Scammon's Lagoon, Lower California*. Condor, 29: 29-57, January 15.  
Includes some life history data on the birds of George Island.
- 1927b. *Notes on the breeding coastal and insular birds of central Lower California*. Condor, 29: 188-195, July 15.  
Including data from San Pedro M rtir, San Est ban, and George Islands.

1930. The breeding birds of central Lower California. *Condor*, 32: 20-49, January 20.  
Incidental mention of a few Sonora birds.
- BANGS, O. [See also THAYER, J. E., and]
1914. The geographic races of the Scaled Quail. *Proc. New England Zool. Club*, 4: 99-100, March 9.  
Range of *Callipepla squamata pallida* "probably" includes northern Sonora.
1930. Types of birds now in the Museum of Comparative Zoölogy. *Bull. Mus. Comp. Zoöl.*, 70: 147-426, March.  
Lists many types of birds described from Sonora, usually without comment; however, Lafresnaye's type of *Picolaptes brunneicapillus* is critically discussed and the type locality fixed as Guaymas, Sonora (following Ridgway, 1904).
- BANGS, O., and PENARD, T. E.
1921. Descriptions of six new subspecies of American birds. *Proc. Biol. Soc. Wash.*, 34: 89-92, June 30.  
*Geranospiza caerulescens livens* and *Melanotis caerulescens effuticius* described, respectively, from Álamos and Hacienda de San Rafael.
1922. The northern form of *Leptotila fulviventris* Lawrence. *Proc. New Eng. Zool. Club*, 8: 29-30, May 8.  
Specimens of *Leptotila fulviventris angelica*, here newly described from Brownsville, Texas, are cited from Álamos and Hacienda de San Rafael.
- BANGS, O., and PETERS, J. L.
1928. A collection of birds from Oaxaca. *Bull. Mus. Comp. Zoöl.*, 68: 385-404, October.  
*Xiphorhynchus flavigaster tardus* and *Tyrannus cassirostris pompalis* are described as new from Hacienda de San Rafael, "Chihuahua."
- BARTLETT, E.
1888. A monograph of the weaver birds, Plocidae, and arboreal and terrestrial finches, Fringillidae . . . (Maidstone [England]), part 2, 13 pp., April.  
*Cardinalis virginianus* in Sonora.
- BECKHAM, C. W.
1888. Observations on the birds of southwestern Texas. *Proc. U. S. Nat. Mus.*, 10: 633-696, "1887"=September 19, 1888.  
Believes *Colinus ridgwayi* to be a race of *C. virginianus*.
- BEHLE, W. H.
1936. [Minutes of Cooper Club Meetings] *Condor*, 38: 224, September.  
Mention of Seth Benson's collecting on Tiburón Island.
1942. Distribution and variation of the horned larks (*Otocoris alpestris*) of western North America. *Univ. Calif. Publ. Zool.*, 46: 4+205-316, 13 text figs., May 20.  
Discussion of the status of *Otocoris alpestris pallida* Dwight; careful analyses of the Horned Lark populations among the Arizona-Sonora boundary.

## BELDING, L.

1883. List of birds found at Guaymas, Sonora, in December, 1882, and April, 1883. [Edited by Robert Ridgway]. Proc. U. S. Nat. Mus., 6: 343-344, December 27.

This nominal list of 46 species was the first to be published for any Sonora locality, earlier bird records for the State being more or less in the nature of incidentals taken by survey parties or ship naturalists. An unfortunate sequel has been the tiresome repetition of these Guaymas citations in literature, many of them of little importance.

1890. Land birds of the Pacific district. Occasional Papers, Calif. Acad. Sci., 2: 4+1-274.  
*Molothrus ater obscurus*, *Ammodramus rostratus*, and *Vireo vicinior* at Guaymas.
1900. A part of my experience in collecting. Condor, 2: 1-5, January.  
Including his visit to Guaymas.

## BENDIRE, C. E.

1892. Life histories of North American birds [etc.]. Special Bull. U. S. Nat. Mus., 1, viii-446 pp., 12 pls.
1896. Life histories of North American birds [etc.]. Special Bull. U. S. Nat. Mus., 3, ix-518 pp., 7 pls., "1895"—October 1, 1896.  
Both volumes contain incidental mention of Sonora species or localities.

## BENT, A. C.

1919. Life histories of North American diving birds. Bull. U. S. Nat. Mus., 107, xiii-245 pp., 55 pls., August 1.  
In this and the following volumes of the series are to be found many Sonora references for species which are included in the American Ornithologists' Union Check-list. There is also a small amount of original life history matter pertaining directly to Sonora in the form of contributions from several authors. I have not attempted to cite these items separately in the present bibliography [i. e., "Smith, in Bent"], since they are usually to be found, almost *verbatim*, under definite titles in other publications.
1921. Life histories of North American gulls and terns. Bull. U. S. Nat. Mus., 113, x-345 pp., 93 pls., August 27.
1922. Life histories of North American petrels and pelicans and their allies. Bull. U. S. Nat. Mus., 121, xii-343 pp., 69 pls., October 19.
1923. Life histories of North American wild fowl, order Anseres (Part). Bull. U. S. Nat. Mus., 126, x-250 pp., 46 pls., May 25.
1925. Life histories of North American wild fowl, order Anseres (Part). Bull. U. S. Nat. Mus., 130, x-376 pp., 60 pls., June 27.
- 1927a Life histories of North American marsh birds, orders Herodiones and Paludicolae. Bull. U. S. Nat. Mus., 135, xii-490 pp., 98 pls., "1926"—March 11, 1927.
- 1927b Life histories of North American shore birds, order Limicolae (Part 1). Bull. U. S. Nat. Mus., 142, ix-420 pp., 55 pls., December 31.
1929. Life histories of North American shore birds, order Limicolae (Part 2). Bull. U. S. Nat. Mus., 146, ix-412 pp., 66 pls., March 24.

1932. Life histories of North American gallinaceous birds, orders Galliformes and Columbiformes. Bull. U. S. Nat. Mus., 162, xi-490 pp., 93 pls., May 25.
1937. Life histories of North American birds of prey, order Falconiformes (Part 1). Bull. U. S. Nat. Mus., 167, v-409 pp., 102 pls., May 3.
1938. Life histories of North American birds of prey, orders Falconiformes and Strigiformes (Part 2). Bull. U. S. Nat. Mus., 170, viii-482 pp., 92 pls., August 8.
1939. Life histories of North American woodpeckers, order Piciformes. Bull. U. S. Nat. Mus., 174, viii-334 pp., 39 pls., May 23.
1940. Life histories of North American cuckoos, goatsuckers, hummingbirds and their allies, orders Psittaciformes, [to] Micropodiiformes. Bull. U. S. Nat. Mus., 176, viii-506, 73 pls., July 20.
1942. Life histories of North American flycatchers, larks, swallows, and their allies, order Passeriformes. Bull. U. S. Nat. Mus., 179, xi-555 pp., 70 pls., May 8.
- BERLEPSCH, H. VON.
1911. Revision der Tanagriden. Verhandlungen des V Internationalen Ornithologen-Kongresses in Berlin: 1001-1148.  
*Euphonia godmani* (p. 1016), and *Pyrranga rubra cooperi* (p. 1063) in Sonora.
- BERLIOZ, J.
1932. Contribution a l'etude des Trochilides du Mexique. L'Oiseau et la Rev. Francaise d'Ornithologie, new ser., 2:120-132.  
 Remarks on the Salvin Hummingbird.
1938. Notes critiques sur les Trochilides. L'Oiseau et la Rev. Francaise d'Ornithologie, new ser., 8: 3-19.  
 Two Sonora species, *Uranomitra violiceps conjuncta* and *Uranomitra salvini* receive comment.
- BISHOP, L. B. [see also Sanford, L. C., Bishop, L. B., and Van Dyke, T. S.]
1906. *Uranomitra salvini* in Arizona. Auk, 23, 337-338, July.  
 Including comments on the type from Nacozari.
1933. Two apparently unrecognized races of North American birds. Proc. Biol. Soc. Wash., 46: 201-206, October 26.  
 On the validity of *Hylocichla guttata oromela* (recorded from Chino-hampo), and *Lanius ludovicianus sonoriensis*.
- BLAKE, E. R., and HANSON, H. C.
1942. Notes on a collection of birds from Michoacan, Mexico. Field Museum of Natural History. Zool. Ser., 22, No. 9, pp. 513-551, 4 ill., 2 maps, November 23.  
 Occasional comparative mention of Sonora birds.
- BLOSSOM, P. M. [See Dice, L. R., and].
- BOLE, B. P. [see Aldrich, J. H., and].

## BOND, R. M.

1943. Variation in western sparrow hawks. *Condor*, 45: 168-185, September 24.  
Critical survey of the western races. The breeding range of *Falco sparverius peninsularis* includes the coastal plain of Sonora.

## BOUCARD, A.

- 1892-1895. Genera of hummingbirds. Being also a complete monograph of these birds. xiv-412 pp. [Reprinted from *The Humming Bird* (London), 2 January, 1892, to 5, December, 1895].  
The only hummingbird definitely ascribed to Sonora is the unfortunate *Uranomitra salvini*.

## BRENINGER, G. F.

1904. Passing of masked bob-white. *Warbler*, 2: 70, September.  
Supposed extinction in the Altar district.

## BREWER, T. M. [see Baird, S. F., Brewer, T. M., and Ridgway, R.]

## BREWSTER, W.

1885. Additional notes on some birds collected in Arizona and the adjoining Province of Sonora, Mexico, by Mr. F. Stephens in 1884; with a description of a new species of *Ortyx*. *Auk*, 2: 196-200, April.  
Commentaries on 19 species, four of them taken in Sonora. Original description of *Colinus ridgwayi*, the type locality being 18 miles southwest of Sásabe.
1887. Further Notes on the Masked Bob-white (*Colinus ridgwayi*). *Auk*, 4: 159-160, April.  
Critical comment on specimens from northeastern Sonora.
- 1888a. Descriptions of supposed new birds from Lower California, Sonora, and Chihuahua, Mexico, and the Bahamas. *Auk*, 5, 82-95, January.  
Contains original descriptions of *Icterus wagleri castaneopectus*, *Aimophila cabooni*, and *Troglodytes cabooni*, all from near Oposura; also of other new forms, the ranges of which include Sonora.
- 1888b. On three apparently new subspecies of Mexican birds. *Auk*, 5: 136-139, April.  
*Mitrephanes phaeocercus tenuirostris* and *Dendroica aestiva sonorana* newly described, with type locality "near Oposura."
1889. Descriptions of supposed new birds from western North America and Mexico. *Auk*, 6: 85-98, April [Separates publ. January 31].  
Ten new birds, three of them, *Psittacula cyanopyga pallida*, *Thryophilus sinaloa cinereus*, and *Polioptila nigriceps restricta* from Alamos, and one, *Compsothylpis pulchra*, from Hacienda de San Rafael. Sonora is included in the ranges of *Empidonax griseus*, and *Euphonia godmani*.
1893. Description of a new hummingbird from northern Mexico. *Auk*, 10: 214, July.  
*Cyanomyia salvini* from Nacozari.
1902. Birds of the Cape region of Lower California. *Bull. Mus. Comp. Zool.*, 41: 1-241, map, September.  
Frequent mention, sometimes critical, of Sonora birds in the author's collection.



## BRODKORB, P.

1935. A new flycatcher from Texas. Occ. Papers Mus. Zool., Univ. Mich., 306: 1-3, January 30.  
Sonora included in the range of *Empidonax difficilis difficilis*.
1940. New birds from southern Mexico. Auk, 57: 542-549, October 2.  
Critical comment on *Sterna albifrons mexicana*, *Chordeiles acutipennis texensis*, and *Chloroceryle americana leucosticta*.
1941. The pygmy owl of the District of Soconusco, Chiapas. Occ. Papers Mus. Zool., Univ. Mich., 450: 1-4, October 9.  
Including critical comment on *Glaucidium brasilianum cactorum*.
- 1942a. Notes on some races of the rough-winged swallow. Condor, 44: 214-217, September 15.  
Status of *Stelgidopteryx ruficollis serripennis* and *S. r. psammochrous* in Sonora.
- 1942b. A new race of bob-white from interior Chiapas. Occ. Papers Mus. Zool., Univ. Mich., 467: 1-4, October 8.  
Racial characters of *Colinus virginianus ridgwayi* included.

## BROWN, H.

1885. Arizona Quail Notes. Forest and Stream, 25: 445, December.  
Historical data on *Colinus ridgwayi* in Arizona and Sonora.
1904. Masked bob-white (*Colinus ridgwayi*). Auk, 21, 209-213, April.  
Further historical data.

## BRUNER, S. C.

1926. Notes on the birds of the Baboquivari Mountains, Arizona. Condor, 28: 231-238, September 21.  
Mexican and White-necked Ravens near Tubutama.

## BRYANT, W. E.

1889. A catalogue of the birds of Lower California, Mexico. Proc. Calif. Acad. Sci., ser. 2, 2: 237-320, map, December 17.  
Occasional species mentioned from islands within Sonora waters.

## BURLEIGH, T. D., and LOWERY, G. H., JR.

1942. An inland race of *Sterna albifrons*. Occ. Papers Mus. Zool., Louisiana State Univ., 10: 173-177, March 4.  
Includes critical remarks on *Sterna albifrons mexicana*.

## BURLEIGH, T. D., and SUTTON, G. M. [see Sutton, G. M., and]

## BURT, W. H.

1938. Faunal relationships and geographic distribution of mammals in Sonora, Mexico. Misc. Publ. Mus. Zool., Univ. Mich., 39, 77 pp., 26 maps, February 14.  
An important paper as concerns the "biotic provinces" of Sonora. Certain races of quail (*Lophortyx*) are considered important in fixing province limits, but for some reason a score or more of other species and subspecies which would alter these limits somewhat are completely ignored.

## CASSIN, J.

- 1853-1856. Illustrations of the birds of California, Texas, Oregon, British and Russian America. (J. P. Lippincott and Co., Philadelphia, 1856), viii-298 pp., 50 pls.  
Occasional references to Heermann's observations at Guaymas.

## CHAPMAN, F. M.

1888. List of additions to the North American avifauna and of eliminations and changes in nomenclature proposed since the publication of the A. O. U. check-list. *Auk*, 5: 393-402, October.  
Two cases involve Sonora.
1899. Nelson on New Birds from Northwestern Mexico. *Auk*, 16: 296, July.  
Review of Nelson's "Descriptions of new birds from northwestern Mexico" (1899c). Certain affinities of southern Sonora with southern Baja California re-emphasized.
1907. The warblers of North America. (D. Appleton and Co., New York), ix-306, pp., 24 pls.  
Plumages, ranges, habits, etc., of most of the species known to occur in Sonora, although only one (*Wilsonia pusilla chryseola*) is cited definitely.
1914. Notes on the plumage of North American sparrows. Thirtieth paper. *Bird-Lore*, 16: 242-243, November.  
Winter range of *Junco hyemalis connectens* includes Sonora.
1915. Notes on the plumage of North American sparrows. Thirty-first paper. *Bird-Lore*, 17: 20-21, January.  
Sonora mentioned in the ranges of five races of juncos.
1917. Notes on the plumage of North American birds. Forty-second paper. *Bird-Lore*, 19: 39, January.  
*Toxostoma crissale* and *T. lecontei lecontei* in north Sonora.
1925. The relationships and distribution of the warblers of the genus *Compsothlypis*: a contribution to the study of the origin of Andean bird life. *Auk*, 42: 193-208, 2 maps, April 3.  
Includes range and relationships of *C. pitiayumi pulchra*.

## CLARK, J. H.

1898. Notes on the Nesting of Palmer's Thrasher at El Plomo, Sonora, Mexico. *Auk*, 15: 272-274, July.  
As observed in that locality.
1899. Nesting of the White-necked Raven in Giant Cactus. *Osprey*, 3: 78, January.  
At El Plomo.
1904. Curve-billed and Palmer's thrashers. *Auk*, 21: 214-217, April.  
Nests and eggs of the latter collected at El Plomo.

## CONOVER, B. [see Hellmayr, C. E., and]

## COOKE, W. W.

1904. Distribution and migration of North American warblers. U. S. Dept. Agric., Biol. Surv. Bull. 18, 142 pp.  
*Wilsonia pusilla chryseola* wintering in Sonora.

1906. Distribution and migration of North American ducks, geese and swans. U. S. Dept. Agric., Biol. Surv. Bull. 26, 90 pp.  
Only *Spatula clypeata* specifically mentioned.
1910. Distribution and migration of North American shorebirds. U. S. Dept. Agric., Biol. Surv. Bull. 35, 100 pp., 4 maps, October 6.  
*Gallinago delicata* listed from Sonora.
1913. Distribution and migration of North American herons and their allies. U. S. Dept. Agric., Biol. Surv. Bull. 45, 70 pp., 21 maps, May 24.  
*Heterocnux mexicanus* recorded from Álamos.
- 1915a. The migration of North American sparrows. Thirty-second paper. Bird-Lore, 17: 18-19, January.  
*Junco caniceps* at Nogales.
- 1915b. Distribution and migration of North American gulls and their allies. U. S. Dept. Agric., Biol. Surv. Bull. 292, 70 pp., 31 maps and figs., October 25.  
*Larus delawarensis* from Sonora.
- COOPER, J. G.
1870. Ornithology of California. Geol. Surv. of California. Ornithology. Vol. 1. Land birds. Edited by S. F. Baird, from the manuscript and notes of J. G. Cooper. Published by authority of the Legislature. xii-592 pp., many text figs.  
Incidental inclusion of Sonora in the ranges of a few species.
- CORY, C. B.
1918. Catalogue of birds of the Americas and the adjacent islands . . . Field Mus. Nat. Hist., Zool. Ser., 13, Bubonidae [to] Trochilidae, Part 2, No. 1, 315 pp., 1 pl., March.
1919. Catalogue of birds of the Americas and the adjacent islands . . . Field Mus. Nat. Hist., Zool. Ser., 13, Trogonidae [to] Picidae, Part 2, No. 2, 317-607 pp., 1 pl., December 31.  
Sonora is included in the ranges of several owls, goatsuckers, hummingbirds, woodpeckers, parrots, etc., treated in this and the preceding volume. There is little or no original matter in the present connection.
- COTTAM, C. P., and KNAPPEN, P.
1939. Food of some uncommon North American birds. Auk, 56, 138-169, April 7.  
Stomach contents of Masked Bob-white and Coppery-tailed Trogon collected near Tecoripa.
- COUES, E.
1866. List of the birds of Fort Whipple, Arizona: with which are incorporated all other species ascertained to inhabit the Territory [etc.]. Proc. Acad. Nat. Sci. Phila., 18: 39-100, "March"=June 11.  
A few of the species are presumed, more or less hypothetically, to occur in Sonora.
1874. Birds of the northwest [etc.]. Dept. of the Interior. U. S. Geological Survey of the Territories. Misc. Publ. No. 3. xi-791 pp., December.  
Quotes occurrences of *Callipepla squamata* and *Cyrtonyx massena* in

northern Sonora. Most curious is his belief (p. 378) that the "Queleli" of A. S. Taylor (*q. v.*) might be his unidentified vulture of Arizona.

1878. Birds of the Colorado Valley [etc.]. Part first. *Passeres to Laniidae*. U. S. Geol. Surv. Terr., Misc. Publ., No. 11, xvi-807 pp., 66 text figs. Sonora included in the ranges of a few species.

1872. Key to North American birds [etc.]. (Naturalists' Agency, Salem), 8+361 pp., 6 pls., 238 text figs.

1903. Key to North American Birds [etc.]. Fifth edition. (Dana Estes and Company, Boston), Vol. 1, xli-535 pp., Vol. 2, 537-1152 pp., many pls., text figs.

In this and the preceding volume are about twenty ascriptions, more or less casual, to "Sonora."

DAWSON, W. L.

1923. The birds of California [etc.]. (South Moulton Company, San Diego), 4 vols. paged consecutively [Booklovers' ed.], xviii-2122 pp., 1240 ills.

The general ranges of some 36 species include Sonora, chiefly or entirely on the basis of the 1910 edition of the "Check-list." The Roseate Spoonbill is stated to nest near Guaymas, although on what basis cannot be ascertained. The ancestral stock of the Bell and Sage Sparrows (here named "*Amphispiza preglacialis*"!) is believed to have originated in Sonora.

DE OCA, R. M.

1875. Ensayo ornitológico de los Troquilideos ó Colibríes de Méjico. (Escalante Press, México), 60 pp., 12 pls. 46 figs.

Repeats the erroneous nesting record (of Heermann, 1853) of the Black-chinned Hummingbird at Guaymas.

DICE, L. R.

1939. The Sonoran Biotic Province. *Ecology*, 20: 118-129, map, April.

An important paper which summarizes the author's conclusions on the subject. So far as Sonora is concerned, the "Province" corresponds almost exactly to the western, Lower Sonoran zone, desert.

DICE, L. R., and BLOSSOM, P. M.

1937. Studies of mammalian ecology in southwestern North America with special attention to the colors of desert mammals. Carnegie Inst. of Washington, Publ. 485, iv-129 pp., 8 pls., 8 text figs.

Although containing little or no ornithological matter, this paper treats in detail the physical and biotic aspects of the northwestern desert region of Sonora.

DICKEY, D. R.

1928. A new poor-will from the Colorado River valley. *Condor*, 30: 152-153, March 15.

*Phalaenoptilus nuttallii bueyi* described from Bard, California. Specimens from [Oposura] Sonora are believed to be *P. n. nuttallii*.

1930. A new clapper rail from Sonora. *Trans. San Diego Soc. Nat. Hist.*, 6: 235-236, December 24.

*Rallus obsoletus rhizophorae* described from Tóbari Bay.

DICKEY, D. R., and VAN ROSSEM, A. J.

1925. A revisionary study of the western gull. *Condor*, 27: 162-164, July 15.  
*Larus occidentalis livens* recorded from San Pedro Mártir and George Islands.
1926. A Southern Race of the Fan-tailed Warbler. *Condor*, 28: 270-271, November 15.  
Specimens from Hacienda de San Rafael listed as *Euthlypis lachrymosa tephra*.
1938. The birds of El Salvador. *Field Mus. Nat. Hist., Zool. Ser.*, 23, 609 pp., 24 pls., 29 text figs., March 21.  
Occasional comment on specimens from Sonora.

DUBOIS, A.

- 1899-1904. *Synopsis avium. Nouveau manuel d'ornithologie.* (Brussels, H. Lamertin), 2 vols. paged consecutively, xv-1339 pp., 4 pls.  
Various species ascribed to Sonora. No original matter.

DWIGHT, J., JR.

1890. The horned larks of North America. *Auk*, 7: 138-158, map, April.  
*Otocoris alpestris pallida* "Townsend, MS." described. No type nor type locality designated, but type now known to be from Direction Hill near the mouth of the Colorado River.
1918. The geographical distribution of color and of other variable characters in the genus *Junco*: a new aspect of specific and subspecific values. *Bull. Amer. Mus. Nat. Hist.*, 38: 269-309, 2 pls., June 1.  
*Junco phaeonotus palliatus* the breeding race in the San José Mountains.

ELLIOT, D. G.

1897. The gallinaceous game birds of North America [etc.]. (Francis P. Harper, New York), xviii, 19-220 pp., 46 pls.  
Only the Masked Bib-white ascribed definitely to Sonora.

EVERMANN, B. W., and JENKINS, O. P.

1888. Ornithology from a railroad train. *Orn. and Oöf.*, 13: 65-70, May.  
Narrative account of birds seen between Nogales and Guaymas. Of interest chiefly as an early list of Sonora birds. Some of the sight records are dubious.

FERRARI-PEREZ, F., and RIDGWAY, R.

1886. Catalogue of animals collected by the geographical and exploring commission of the republic of Mexico. 2.—Birds. By F. Ferrari-Perez. With descriptions of five new species, and critical remarks on others of great or less rarity or interest. By Robert Ridgway. *Proc. U. S. Nat. Mus.*, 9: 130-182.  
Three specimens of *Pipilo fuscus* from Guaymas receive critical comment.

FOSTER, L. S.

1892. The published writings of George Newbold Lawrence, 1844-1891. *Bull. U. S. Nat. Mus.*, 40, xi-124 pp. (part).  
Sonora records of Lawrence (1874) are re-cited. Not important.

## FRIEDMANN, H.

1927. A revision of the classification of the cowbirds. *Auk*, 44: 495-508, October 19.  
Sonora included in the range of *Tangavius aeneus aeneus*.
1929. The cowbirds. A study in the biology of social parasitism. (Charles C. Thomas Publisher, Springfield, Illinois), xvii-421 pp., 28 pls., 13 figs.  
*Tangavius aeneus aeneus* cited from Hermosillo and Opodepe.
- 1933a Further notes on the birds parasitized by the red-eyed cowbird. *Condor*, 35: 189-191, September 15.  
Records three species as victimized in localities in Sonora.
- 1933b Critical notes on American vultures. *Proc. Biol. Soc. Wash.*, 46: 187-190, October 26.  
*Cathartes aura teter*, here newly named from Riverside, California, recorded from Guadalupe Cañon.
1934. Further additions to the list of birds victimized by the cowbird. *Wilson Bull.*, 46: 25-36, March; 104-114, June.  
Sonora records include the Plumbeous Gnatcatcher and *Pyrruloxia*.
1941. The birds of North and Middle America. *Bull. U. S. Nat. Mus.*, 50, Part 9, "By Robert Ridgway. Continued by Herbert Friedmann," ix-254 pp., 16 text figs., October 2.  
Full descriptions and synonymies of the species of *Gruidae* and *Rallidae* known to occur in Sonora.
1943. Critical notes on the avian genus *Lophortyx*. *Journ. Washington Acad. Sci.*, 33 (No. 12): 369-371, December 15.  
Review of the races of *Lophortyx douglasii*, with *bensoni* the only one specifically cited from Sonora. *Lophortyx gambelii gambelii* mentioned from Cajón Bonito Creek "Chihuahua."

## GENTRY, H. S.

1942. Rio Mayo plants. A study of the flora and vegetation of the valley of the Rio Mayo, Sonora. Carnegie Institution of Washington Publication 527 (The Lord Baltimore Press, Baltimore), vii-328 pp., 29 pls., 2 maps, 6 text figs., November 30.  
A detailed and excellent account of the subject.

## GIEBEL, C. G.

- 1872-1877. *Thesaurus ornithologicae* [etc.]. (F. A. Brockhaus, Leipzig), 3 Vol. Vol. 1, 1872, pp. ix-868.  
On page 628 the range of *Chaetura saxatilis* is given as "Sonora," but on what basis I do not know.

## GODMAN, F. D. [see Salvin, O., and]

## GOLDMAN, E. A., [see Nelson, E. W., and]

## GORSUCH, D. M.

1934. Life history of the Gambel quail in Arizona. *Bull. Univ. Arizona*, 5, No. 4, 89 pp., 4 text figs., May 15.  
References to *Lophortyx gambelii gambelii*, *L. g. fulvipectus*, and *L. g. pembrotoni* in Sonora.

## Goss, N. S.

1888. New and rare birds found breeding on the San Pedro Martir Isle. *Auk*, 5: 240-244, July.  
Five species listed, including original descriptions of *Sula gossi* "Ridgw. (MS.);" and *Sula brewsteri*.
1891. History of the birds of Kansas. Illustrating 529 birds. (Topeka, Kansas, Geo. W. Crane and Co.), 692 pp., 35 pls.  
*Zenaidura macroura* on "San Pedro Martir Isle."

## GRAYSON, A. J., and LAWRENCE, G. N.

1871. On the physical geography and natural history of the islands of the Tres Marias and of Socorro, off the western coast of Mexico. *Proc. Boston Soc. Nat. Hist.*, 14: 261-302. [Systematics auth. of Lawrence]  
Sonora included in range of *Picus scalaris*.

## GRINNELL, G. B.

1884. A quail new to the United States fauna. *Forest and Stream*, 22: 243, April 24.  
"*Ortyx graysoni*" in northwestern Sonora.

## GRINNELL, J.

1905. Where does the large-billed sparrow spend the summer? *Auk*, 22: 16-21, January.  
Manner of occurrence in Sonora.
1906. [Review] Stone and Rhoads "On a Collection of Birds and Mammals from the Colorado Delta, Lower California." *Condor*, 8: 78, May.  
Concerning the improbability of some of Rhoads' sight records of birds.
1928. A distributional summation of the ornithology of Lower California. *Univ. Calif. Publ. Zool.*, 32: 1-300, 24 maps, November 6.  
Only occasional reference, usually critical, to Sonora-taken specimens. This work is of first importance in any systematic study of the Gulf area.
1932. Type localities of birds described from California. *Univ. Calif. Publ. Zool.*, 38: 243-324, map. January 30.  
Includes discussion of the type locality [Guaymas, Sonora] of *Picolaptes brunneicapillus* Lafresnaye.
1939. Proposed shifts in names in *Passerculus*—a protest. *Condor*, 41: 112-119.  
Advocates specific distinctness for the *rostratus* complex.

## GRISCOM, L. [see also Miller, W. D., and; Peters, J. L., and]

- 1929a. Studies from the Dwight collection of Guatemala birds. 1. *Amer. Mus. Novit.*, 379, 13 pp., October 17.  
Includes citation of four Sonora specimens of *Hylocharis leucotis borealis*, here described from Pinos Altos, Chihuahua.
- 1929b. Notes on the rough-winged swallow (*Stelgidopteryx serripennis* [Aud.]) and its allies. *Proc. New England. Zoöl. Club*, 11: 67-72, December 14.  
*Stelgidopteryx ruficollis psammochrous* described; type locality, Oposura.

1930. Studies from the Dwight collection of Guatemala birds. 2. Amer. Mus. Novit., 414, 8 pp., March 24.  
Believes *Poliopitula nigriceps restricta* to be a synonym of *Poliopitula bilineata albiloris*, and that *Heleodytes gularis* is a race of *Heleodytes jocosus*.
- 1932a The distribution of bird-life in Guatemala . . . . Bull. Amer. Mus. Nat. Hist., 64, vi-439 pp., 2 maps, 11 illus., May 7.  
Critical comment on several Sonora species.
- 1932b. New birds from Honduras and Mexico. Proc. New Eng. Zoöl. Club, 13: 55-62, November 7.  
*Trogon mexicanus clarus* is stated to occur in Sonora.
1933. Notes on the collecting trip of M. Abbott Frazar in Sonora and Chihuahua for William Brewster. Auk, 50: 54-58, January 4.  
Valuable data on Frazar's itinerary.
1934. The ornithology of Guerrero, Mexico. Bull. Mus. Comp. Zoöl., 75: 367-422, pl., January.  
Contains original descriptions of *Amazilia violiceps conjuncta*, *Icterus pusillatus microstictus*, and *Piranga erythrocephala candida* with type localities in Sonora. Critical comment on many other Sonora species. An important paper.

HACHISUKA, THE MARQUESS [see A. J. van Rossem, and]

HANSON, H. C. [see Blake, E. R., and]

HARGITT, E.

1890. Catalogue of the Picariae in the collection of the British Museum. Cat. Birds Brit. Mus., 18, xiv-598 pp., 15 pls., many text figs, ante October.  
Several woodpeckers, mostly collected by Lloyd for Salvin and Godman, are listed from localities in Sonora.

HARPER, F.

1930. A historical sketch of Botteri's sparrow. Auk, 47: 177-185, pl., April 17.  
Mention of the type of *Peucaea aestivalis*, var. *arizonae*.

HARTERT, E. [see Salvin, O., and]

HASBROUK, E.

1893. The distribution of the genus *Megascops* in North America. Auk, 10: 250-264, map, July.  
Sonora is included in the ranges of *Otus flammeolus* and *Otus asio trichopsis*. The latter apparently is a composite of several species and races.

HEERMANN, A. L.

1853. Notes on the birds of California, observed during a residence of three years in that country. Journ. Acad. Nat. Sci. Phila., 2nd. ser., 2:259-272, January 18.  
Occasional mention of species observed at Guaymas. The statement that the Black-chinned Hummingbird breeds at Guaymas is erroneous and doubtless pertains to *Calypte costae*.



1859. Report upon birds collected on the survey. Pacific Railroad Reports, 10, part 4, no. 2, pp. 29-80, 7 pls.  
A few species observed at Guaymas included.

## HELLMAYR, C. E.

1901. Zur revision der gattung *Polioptila*. Novit. Zool., 8: 356-361, October 5.  
Including critical notes on *Polioptila nigriceps restricta*.
1903. Das Tierreich. (R. Friedlander und Sohn, Berlin), Part 18. Paridae, Sittidae und Certhiidae, 1-xxxl+1, 1-255, 76 text figs., March.  
*Polioptila nigriceps restricta* and *Sitta carolinensis nelsoni* cited.
1911. Genera Avium. Conducted by P. Wytman. (Verteneuil and Desmet, Brussels), 15th part, Certhiidae, 16 pp., 1 pl.; 16th part, Sittidae, 16 pp., 1 pl.; 17th part, Regulidae, 18 pp., 1 pl.; 18th part, Paridae, 84 pp., 3 pls. [February, 1912?]  
Sonora citations here and there in the systematic revisions.
1913. Critical notes on the types of little-known species of neotropical birds. Novit. Zool., 20: 227-256, February 24.  
Sonora included in the range of *Amazilis ellioti*.

- 1925-1938. Catalogue of birds of the Americas and the adjacent islands . . . . Field Mus. Nat. Hist., Zool. Ser., 13. Part 4 (1925), Furnariidae-Dendrocolaptidae, iv-390 pp., 1 pl.; Part 5 (1927), Tyrannidae, vi-517 pp.; Part 6 (1929), Oxyruncidae-Pipridae-Cotingidae-Rupicolidae-Phytotomidae, v-258 pp.; Part 7 (1934), Corvidae-Paridae-Sittidae, Certhiidae-Chamaeidae - Cinclidae - Troglodytidae - Prunellidae - Mimidae - Turridae - Zeledoniidae - Sylviidae, vi-531 pp.; Part 8 (1935), Alaudidae - Hirundinidae - Motacillidae - Bombycillidae - Ptilogonatidae - Dulidae - Vireonidae - Vireolaniidae - Cyclarhidae - Laniidae - Sturnidae - Coerebidae - Compothlypidae, vi-541 pp.; Part 9 (1936), Tersinidae - Thraupidae, v-458 pp.; Part 10 (1937), Icteridae, v-228 pp.; Part 11 (1938), Ploceidae - Catamblyrhynchidae - Fringillidae, vi-662 pp.

The standard systematic work on all known birds of the Americas down to the dates of publication, including full synonymies except that the references given in Ridgway (1901-1919) are not repeated. Sonora citations, too numerous to list here, are often with critical comment.

## HELLMAYR, C. E., and CONOVER, B.

1942. Catalogue of birds of the Americas and the adjacent islands . . . . Field Mus. Nat. Hist., Zool. Ser., 13. Part 1, Number 1, Rheidae - Tinamidae - Cracidae - Tetraonidae - Phasianidae - Numididae - Meleagrididae - Opisthocomidae - Gruidae - Aramidae - Psophiidae - Rallidae - Heliornithidae - Eurypygidae - Cariamidae - Columbidae, vi-636 pp., April 30.  
Critical comment, full synonymies, etc., of many Sonora species.

## HERRERA, A. L.

1898. Ornithologia Mexicana. La Naturaleza, ser. 2, 3: 131-229. [1899].  
An almost verbatim translation of the Biologia Centrali-Americana, at least so far as concerns Sonora.

## HINDS, R. B.

1843. The regions of vegetations . . . Appendix (pp. 325-460) to Vol. 2 of "Narrative of a voyage around the world . . ." by Sir Edward Belcher, R. N. (London).  
The "Chihuahua Region," roughly corresponding to the subsequently defined Sonoran life zones, is characterized on pp. 350-351.

## HUEY, L. M.

1930. Comments on the marsh sparrows of southern and Lower California, with the description of a new race. *Trans. San Diego Soc. Nat. Hist.*, 6: 203-206, August 30.  
Lists a specimen of *Passerculus rostratus rostratus* from Punta Lobos.
- 1931a The Occurrence of *Myiarchus cinerascens inquietus* in Lower California. *Auk*, 48: 429-430, July 9.  
*Otus asio cineraceus* on the Sonora side of the Gulf at lat. 29° 46' [!].
- 1931b *Icterus pustulatus*, a New Bird to the A. O. U. Check-list. *Auk*, 48: 606-607, October 18.  
Range north to Tecoripa.
1935. February bird life at Punta Peñascosa, Sonora, Mexico. *Auk*, 52: 249-256, July 2.  
Annotated list of 75 species, some important from a distributional standpoint.
1942. A vertebrate faunal survey of the organ pipe cactus national monument, Arizona. *Trans. San Diego Soc. Nat. Hist.*, 9: 353-376, map, February 17.  
Contains much of interest concerning the bird life of a western desert section of the Arizona-Sonora boundary. A few specific Sonora records are included.

## JENKINS, O. P. [see Evermann, B. W., and]

## JOHNSON, I. M.

1924. Expedition of the California Academy of Sciences to the Gulf of California in 1921. The botany (the vascular plants). *Proc. Calif. Acad. Sci.*, 4th ser., 12: 951-1218, map, May 31.  
An exceedingly important consideration of the climatic conditions (past and present), zonal divisions, and the botany of the Gulf area, including the coast and islands of Sonora. All of this, of course, has direct bearing on the distribution of bird life of the region.

## JONES, L.

1900. Warbler songs. *Wilson Bull.*, 7: 1-56, January.  
Sonora included in the ranges of *Helminthophila luciae* and *Dendroica graciae*.

## JOUY, P. L.

1894. Notes on birds of central Mexico, with descriptions of forms believed to be new. *Proc. U. S. Nat. Mus.*, 16: 771-791, "1893"=April 18, 1894.  
Includes mention of a few species noted at Guaymas and in the mountains "32 miles south of Nogales."

## KELSO, L. H.

1937. Food of the scaled quail. Bureau of Biol. Surv., Wildlife Research and Management Leaflet BS-84, 9 pp.  
Stomach content analyses in part from Sonora specimens.

## KENYON, K. W.

1942. Hunting strategy of Pigeon Hawks. *Auk*, 59: 443-444, July 1.  
As demonstrated by six individuals, listed as *Falco columbarius ben-direi*, seen south of Nogales.

## KNAPPEN, P. [see Cottam, C., and]

## KURODA, N.

1930. A Collection of Birds made by Mr. H. Yoshida in Mexico. *Tori*, 6: November.  
List of 67 species, mostly from Sinaloa, but with occasional comment on Sonora races.

## LAFRESNAYE, F. DE

1835. Sur le genre grimpic (*Picolaptes*, Lesson). (Guerin's) *Mag. de Zool.*, 5me. ann. [not paged=57-62], pls. 46-47, [between April and December].  
Description [61] and plate (47) of *Picolaptes brunneicapillus* from "Californie ou Perou"; almost certainly, though, from Guaymas.

## LANTZ, D. E.

1899. A list of birds collected by Col. N. S. Goss in Mexico and Central America. *Trans. Kansas Acad. Sci.*, 16: 218-224, "1897-1898"=June, 1899.  
Four species recorded from San Pedro Mártir Island.

## LAUBMANN, A.

1942. *Nomina mutanda Alcedinidarum*. *Verh. Orn. Ges. Bayern*, 22: 165-166, January 25.  
The Sonora green kingfisher renamed *Ceryle americana bachisuki* because of the prior *Chloroceryle leucosticta* Reichenbach (1851).

## LAWRENCE, G. N. [see also Grayson, A. J., and]

1874. The Birds of Western and Northwestern Mexico, based upon Collections made by Col. A. J. Grayson, Capt. J. Xantus and Ferd. Bischoff, now in the Museum of the Smithsonian Institution, at Washington, D. C. *Mem. Bost. Soc. Nat. Hist.*, 2: 265-319.  
Specimens of a few species recorded from Sonora, and still others included on the authority of Grayson.

## LEOPOLD, A. S.

1944. The nature of heritable wildness in turkeys. *Condor*, 46: 133-197, August 4.  
Questions validity of *Meleagris gallopavo onusta* (p. 133).

## LOWERY, G. H., JR. [see Burleigh, T. D., and]

## LUMHOLTZ, C.

1902. Unknown Mexico, a record of five years' exploration among the tribes of the Western Sierra Madre . . . (Charles Scribner's Sons, New York), 2 vols. Vol. 1, xxxii-530 pp., 5 pls., map, many ills.  
Narrative account (volume 1) of the expedition. Birds receive only casual mention but there is the specific record of *Campephilus imperialis* from the west slope of the Sierra de Nacori. Birds collected were earlier reported by Allen (1893a).
1912. New trails in Mexico. An account of one year's exploration in northwestern Sonora, Mexico. . . . (Charles Scribner's Sons, New York), xxv-411 pp., 2 maps, many ills.  
A good account of the Altar region with frequent informal mention of birds, mammals, and reptiles observed.

## LUSK, R. D.

1900. Parrots in the United States. Condor, 2: 129, November.  
*Rynchopsitta pachyrhyncha* in the Chiricahua Mountains, Arizona, believed to have come from Sonora.

## MAILLIARD, J.

1923. Expedition of the California Academy of Sciences to the Gulf of California in 1921. The birds. Proc. Calif. Acad. Sci., 4th ser., 12: 443-456, August 21.  
A few records from islands within Sonora waters.

## MATHEWS, G. M.

1934. A check-list of the order Procellariiformes. Novit. Zool., 39: 151-206, December 7.  
*Halocystena microsoma* and *Cymochorea melania melania* from San Estéban Island.

## McCABE, T. T., and MILLER, A. H. [see also Miller, A. H., and]

1933. Geographic variation in the northern water-thrushes. Condor, 35:192-197, September 15.  
Specimens from the San Bernardino River, on the Arizona-Sonora boundary, are *Seiurus noveboracensis notabilis*.

## MEARNS, E. A.

1886. Some birds of Arizona. Auk, 3: 289-307, July.  
*Harpobrychus crissalis* [interrogatively] and *H. lecontei* ascribed to Sonora.
1895. Description of a new heron (*Ardea virescens anthonyi*) from the arid region of the interior of North America. Auk, 12: 257-259, ante July 11.  
Specimens recorded from the boundary on the San Pedro and San Bernardino Rivers.
1901. An addition to the avifauna of the United States. Proc. Biol. Soc. Wash., 14: 177-178, September 25.  
*Petrochelidon melanogaster* breeding in northeastern Sonora.

- 1902a. Description of a hybrid between the barn and cliff swallows. *Auk*, 19: 73-74, January.  
*Petrochelidon melanogaster* occurs from the San Luís Mountains to Nogales.
- 1902b. The cactus wrens of the United States. *Auk*, 19, 141-145, April.  
 Concludes that the type of *Picolaptes brunneicapillus* came from Guaymas or vicinity, and refers the Cactus Wrens of northern Sonora to *Heleodytes brunneicapillus anythonyi*, here newly described from Arizona.
- 1902c. Descriptions of three new birds from the southern United States. *Proc. U. S. Nat. Mus.*, 24: 915-926, June 2.  
*Sitta carolinensis nelsoni* from the San José and San Luís Mountains, and the Santa Cruz River on the boundary line.
1907. Mammals of the Mexican boundary of the United States. . . . Part 1. *Bull. U. S. Nat. Mus.*, 56: xvi-530 pp., 13 pls., 120 text figs., April 13.  
 Although birds are mentioned only casually, this work is of first importance as descriptive of the boundary, delineation of faunal areas, designation of collection stations, etc. Although many birds were collected (now mostly in the National Museum collections), no complete report on them has yet appeared.

## MEINERTZHAGEN, R.

1926. Introduction to a review of the genus *Corvus*. *Novit. Zool.*, 33: 57-121, 12 pls., map.  
 Cites Sonora as in the range of the Mexican Crow, here called *Corvus mexicanus mexicanus*.

## MEISE, W.

1928. Die Verbreitung der Aaskrahe (Formenkreis *Corvus corone* L.). *Journ. für Orn.*, 76: 1-203, 4 pls., 10 maps, January 27.  
 Like Meinertzhagen, Meise considers the Mexican Crow conspecific with the Fish Crow of the United States. Camoa is listed as a locality.
1938. Ueber die rassen des kernbeissers *Pheucicus chrysopeplus* Less. [sic]. *Bull. Mus. Roy. d'Hist. Nat. Belgique*, 14, No. 52: 1-4.  
*P. c. dilutus* cited from southern Sonora. The names *chrysopeplus* and *chrysoaster*, together with their respective authors, Vigors and Lesson, are confusingly transposed in places and it is difficult to follow the comparisons offered.

## MERRIAM, C. H.

1892. The geographic distribution of life in North America with special reference to the Mammalia. *Proc. Biol. Soc. Wash.*, 7: 1-64, April.  
 Including a discussion of the Sonoran Division, its characteristics and relationships. A few birds are cited.
1895. The Leconte thrasher, *Harporhynchus lecontei*. *Auk*, 12: 54-60, map, January.  
 The only Sonora record of the species to date is "Cape Lobos."

## MILLER, A. H.

1930. Two new races of the loggerhead shrike from western North America. *Condor*, 32: 155-156, May 15.  
 The breeding shrikes of Sonora are *Lanius ludovicianus sonoriensis*.

1931. Systematic revision and natural history of the American shrikes (*Lanius*). Univ. Calif. Pub. Zool., 38: 11-246, 65 text figs. and maps, October 24.  
Three subspecies of *Lanius ludovicianus* are ascribed to Sonora, two of them transients or winter visitants.
1941. Speciation in the avian genus *Junco*. Univ. Calif. Publ. Zool., 44: 173-434, 33 text figs, May 24.  
The work is much more important than its title would imply, for the author has merely used the genus *Junco* as a vehicle for some sound ideas on the creation of species in nature. One species, *Junco phaeonotus palliatus*, is resident in the mountains of Sonora. Others are present in winter in the extreme north.
- MILLER, A. H., and McCABE, T. T. [see also McCabe, T. T. and]
1935. Racial differentiation in *Passerella (Melospiza) lincolni*. Condor, 37: 144-162, 4 text figs., May 15.  
Winter stations of *P. l. lincolni* in Sonora are shown on map, but no specimens are definitely listed from that State.
- MILLER, W. DE W.
1905. List of birds collected in southern Sinaloa, Mexico, by J. H. Batty, during 1903-1904. Bull. Amer. Mus. Nat. Hist., 21: 339-369, November 24.  
Considers *Amazona albifrons saltuensis* to be a valid race.
1906. List of birds collected in northwestern Durango, Mexico, by J. H. Batty, during 1903. Bull. Amer. Mus. Nat. Hist., 22:161-183, June 2.  
Comment on characters of two Sonora specimens of *Spizella pallida*.
- MILLER, W. DE W., and GRISCOM, L.
1921. Descriptions of proposed new birds from Central America, with notes on other little-known forms. Amer. Mus. Novit., 25:1-13, December 9.  
Comment on characters displayed by Sonora specimens of *Asturina plagiata plagiata*.
1925. Notes on Central American birds, with descriptions of new forms. Amer. Mus. Novit., 183: 1-14, July 18.  
Mention of *Certhia familiaris albescens* of Sonora.
- MOORE, R. T.
- 1932a. A new motmot from Mexico. Proc. Biol. Soc. Wash., 45: 109-111, July 19.  
*Momotus mexicanus vanrossemi* described from Chinobampo.
- 1932b. A new race of *Aimophila carpalis* from Mexico. Proc. Biol. Soc. Wash., 45: 231-234, December 23.  
The Rufous-winged Sparrow of southern Sonora is named *Aimophila carpalis bangsi*, with type locality Guirocoba.
- 1934a. A new race of *Lepidocolaptes leucogaster* from Sonora, Mexico. Proc. Biol. Soc. Wash., 47: 87-90, April 2.  
*Lepidocolaptes leucogaster umbrosus* from near Guirocoba.
- 1934b. A review of the races of *Geococcyx velox*. Trans. San Diego Soc. Nat. Hist., 7: 455-470, text figs., May 31.  
*Geococcyx velox melanchima* described from Guirocoba.

1935. New birds from northwestern Mexico. Proc. Biol. Soc. Wash., 48: 111-114, May 3.  
Including *Phloeocastes guatemalensis dorsofasciatus* from Guirocoba.
1936. Description of a new race of *Carpodacus mexicanus*. Condor, 38: 203-208.  
Includes comment on *Carpodacus mexicanus sonoriensis* of southern Sonora.
- 1937a. New races of the genus *Otus* from northwestern Mexico. Proc. Biol. Soc. Wash., 50: 63-68, April 21.  
Two Screech Owls, *Otus hastatus tomini* and *Otus asio sinaloensis*, both described from Sinaloa, are also recorded from Guirocoba.
- 1937b. A new house finch from central Mexico. Condor, 39:204-206.  
Validity of *Carpodacus mexicanus sonoriensis* Ridgway is challenged with "a true scientific approach" and an "ardor for all the facts."
- 1937c. A new race of Finsch's parrot. Auk, 54: 528-529, October 8.  
*Amazona finschi woodi* is described (but not figured) from Guirocoba.
- 1937d. New races of *Myadestes*, *Spizella* and *Turdus* from northwestern Mexico. Proc. Biol. Soc. Wash., 50: 201-206, November 30.  
The type locality of *Turdus assimilis calliphthongus* is Baromicon [Baromico], in extreme southeastern Sonora.
- 1938a. Unusual birds and extensions of ranges in Sonora, Sinaloa and Chihuahua. Condor, 40:23-28.  
Several species cited from Sonora, three of them, *Lampornis clemenciae clemenciae*, *Nuttallornis borealis cooperi*, and *Volatinia jacarini atronitens*, for the first time.
- 1938b. A new race of wild turkey. Auk, 55: 112-115, January 17.  
Southeastern Sonora is included in the range of *Meleagris gallopavo onusta*.
- 1939a. A new race of *Cyanthus latirostris* from Guanajuato. Proc. Biol. Soc. Wash., 52: 57-60, April 27.  
The race in Sonora is determined to be *Cyanthus latirostris magica*. Many localities listed.
- 1939b. Two new races of *Carpodacus mexicanus*. Proc. Biol. Soc. Wash., 52: 105-112, June 24.  
The House Finches from northwestern Sonora determined to be intermediate between the races *ruberrimus* and *solitudinis*, the latter newly described from Fallon, Nevada.
- 1939c. The Arizona broad-billed hummingbird. Auk, 56: 313-319, "July" = June 29.  
Breeding of *Cyanthus latirostris magica* at Guirocoba, etc.
- 1939d. New races of the genera *Sialia* and *Carpodacus* from Mexico. Proc. Biol. Soc. Wash., 52: 125-130, July 22.  
Certain winter Bluebirds are considered to be *Sialia mexicana bairdi*.
- 1939e. A review of the house finches of the subgenus *Burrিকা*. Condor, 41: 177-205, September 15.  
Fourteen mainland races of *Carpodacus mexicanus* are recognized, seven of them described by the author in this and previous papers.

1940. Notes on Middle American *Empidonaces*. Auk, 57: 349-389, July 13.  
Seven species and subspecies are ascribed definitely to Sonora.
- 1941a. New races of flycatcher, warbler, and wrens from Mexico. Proc. Biol. Soc. Wash., 54: 35-42, March 21.  
*Salpinctes obsoletus obsoletus* cited from Guirocoba.
- 1941b. Three new races in the genus *Otus* from central Mexico. Proc. Biol. Soc. Wash., 54: 151-160, November 17.  
Including comment on Sonora specimens of *Otus vinaceus sinaloensis*.
- 1941c. Notes on *Toxostoma curvirostre* of Mexico, with description of a new race. Proc. Biol. Soc. Wash., 54: 211-216, December 8.  
On the possible application of certain names. *Toxostoma curvirostre celsum* from Laguna Juanota, Chihuahua.
1942. Notes on *Pipilo fuscus* of Mexico and description of a new form. Proc. Biol. Soc. Wash., 55: 45-48, May 12.  
Cites *Pipilo fuscus intermedius* from Guirocoba.

## MOORE, R. T., and PETERS, J. L.

1939. The genus *Otus* of Mexico and Central America. Auk, 56: 38-56, January 19.  
Ranges and comparative characters of the five species and subspecies of Screech Owls known to occur in Sonora.

## MURPHY, R. C.

1925. Notes on certain species and races of oyster-catchers. Amer. Mus. Novit., 194: 1-15, November 17.  
Specimens of *Haematopus palliatus frazari* cited from Quotla and San Estéban Island.

## NELSON, E. W.

- 1898a. Descriptions of new birds from Mexico, with a revision of the genus *Dactylortyx*. Proc. Biol. Soc. Wash., 12: 57-68, March 24.  
Sonora included in the range of *Heleodytes brunneicapillus brunneicapillus*.
- 1898b. With bob-white in Mexico. Auk, 15: 115-122, pl., April.  
Sonora in the range of *Colinus ridgwayi*.
- 1898c. Notes on certain Mexican birds. Auk, 15: 155-161, April.  
Sonora included in the range of *Heleodytes gularis*.
- 1898d. The imperial ivory-billed woodpecker, *Campephilus imperialis* (Gould). Auk, 15: 217-223, pl., July.  
History to date. The Sonora record of Ridgway, 1887b, is repeated.
- 1899a. Descriptions of new birds from Mexico. Auk, 16: 25-31, January.  
Including original description of *Callipepla gambeli fulvipectus*, the type locality of which is Camoa, on the Río Mayo.
- 1899b. Birds of the Tres Marias Islands. U. S. Dept. Agric., No. Amer. Fauna, 14: 21-62, April 29.  
Occasional incidental mention of birds from Sonora localities.
- 1899c. Descriptions of new birds from northwestern Mexico. Proc. Biol. Soc. Wash., 13: 25-31, May 29.  
Contains original descriptions of *Amazona albifrons saltuenis*, *Pipilo fuscus intermedius*, *Cardinalis cardinalis affinis*, *Basileuterus rufi-*



- frons caudatus*, and *Myadestes obscurus cinereus*; all with type localities in southern Sonora.
1900. Descriptions of thirty new North American birds in the Biological Survey collection. *Auk*, 17: 253-270, July.  
Including original descriptions of *Amphispiza bilineata pacifica* and *Harporhynchus curvirostris maculatus*, with Álamos the type locality for both.
1902. The nomenclature and validity of certain North American Gallinae. *Auk*, 19: 386-391, 2 pls., October.  
Affirms validity of *Callipepla gambeli fulvipectus*, *Lophortyx bensoni*, and *Cyrtonyx montezumae mearnsi*.
1903. Notes on the Mexican cormorant. *Condor*, 5: 139-145, November.  
Stated occurrence in coastal lagoons of southern Sonora.
- 1904a. *Empidonax griseus* Brewst. = *E. canescens* Salv. & Godm. *Auk*, 21:80, January.  
Believes *canescens* has priority. Range includes southern Sonora.
- 1904b. A revision of the North American mainland species of *Myiarchus*. *Proc. Biol. Soc. Wash.*, 17: 21-50, pl., March 10.  
Specimens from Sonora (particularly *M. inquietus*) discussed.
1928. Descriptions of three new subspecies of birds from Mexico and Guatemala. *Proc. Biol. Soc. Wash.*, 41: 153-156, October 15.  
Includes short discussion of topography of Sonora and description of *Aratinga holochlora brewsteri* from Hacienda de San Rafael.
- NELSON, E. W., and GOLDMAN, E. A.
1926. 1. Mexico. Section 3. The Tropics north of the Equator. Naturalist's guide to the Americas. (The Williams and Wilkins Company, Baltimore), pp. 574-596, map.  
Sonora is divided into the "Sierra Madre District" and the "Sonoran District." Lists of birds, mammals, and plants considered to be characteristic of each district are appended.
- OBERHOLSER, H. C.
1896. Critical remarks on the Mexican forms of the genus *Certhia*. *Auk*, 13: 314-318, October.  
*Certhia familiaris albescens* from Nopalera.
1897. Critical remarks on *Cistothorus palustris* (Wils.) and its western allies. *Auk*, 14, 186-196, April.  
Sonora specimens of *C. p. plevius* and *C. p. palulicola*.
1898. A revision of the wrens of the genus *Thryomanes* Sclater. *Proc. U. S. Nat. Mus.*, 21: 421-450, November 19.  
The Patagonia and San José Mountains are included in the range of *Thryomanes bewickii eremophilus*, here newly described from New Mexico.
1902. A review of the larks of the genus *Otocoris*. *Proc. U. S. Nat. Mus.*, 24: 801-883, 3 pls., 4 maps, June 9.  
*Otocoris alpestris leucolaema*, *occidentalis*, *adusta*, and *pallida* are definitely ascribed to Sonora, the latter two as breeding races. The ranges of two others, *apbrasta* and *leucansiptila*, as given in Map 2, overlap the boundaries of the State. Full descriptions and distributions of all known races.

- 1904a. A revision of the American great horned owls. Proc. U. S. Nat. Mus., 27: 177-192, January 22.  
Specimens of *Bubo magellanicus pallescens* listed from several boundary localities.
- 1904b. A review of the wrens of the genus Troglodytes. Proc. U. S. Nat. Mus., 27: 197-210, map, January 23.  
*Troglodytes brunneicollis cabooni* is the only member specifically cited from Sonora.
- 1906a. Description of a new Querquedula. Proc. Biol. Soc. Wash., 19: 93-94, June 4.  
*Querquedula cyanoptera* listed from the Colorado River.
- 1906b. [Review.] Miller on Birds from Southern Sinaloa. Auk, 23: 478, October.  
Type locality of *Amizilis beryllina viola*, here considered of doubtful validity, is erroneously given as Japla, "Sonora" [=Sinaloa].
- 1911a. A revision of the forms of the hairy woodpecker (*Dryobates villosus* [Linnaeus]). Proc. U. S. Nat. Mus., 40: 595-621, map, June 3.  
Sonora is included in the range of *Dryobates villosus icastus*, here newly described from Durango.
- 1911b. A revision of the forms of the ladder-backed woodpecker (*Dryobates scalaris* [Wagler]). Proc. U. S. Nat. Mus., 41: 139-159, map, June 30.  
Ranges, comparative characters, etc., of *Dryobates scalaris agnus* (here described from Camoa) and *D. s. cactophilus*.
- 1912a. A revision of the subspecies of the green heron (*Butorides virescens* [Linnaeus]). Proc. U. S. Nat. Mus., 42: 529-577, August 29.  
*Butorides virescens anthonyi* in northern Sonora.
- 1912b. A revision of the forms of the great blue heron (*Ardea herodias* [Linnaeus]). Proc. U. S. Nat. Mus., 43: 531-559, December 12.  
*Ardea herodias treganzai* from northern Sonora localities.
1914. A monograph of the genus *Chordeiles Swainson*, type of a new family of goatsuckers. Bull. U. S. Nat. Mus., 86, vi-123, 6 pls., inc. 4 maps, April 6.  
*Chordeiles virginianus henryi* and *C. acutipennis texensis* from a few Sonora localities.
1917. Notes on North American birds. 2. Auk, 34: 321-333, "July"=June 30.  
Sonora included in the ranges of *Vireo bellii arizonae* and *Baeolophus wollweberi annexus*.
- 1918a. New light on the status of *Empidonax traillii* (Audubon). Ohio Journ. Sci., 18: 85-98, January.  
*Empidonax traillii brewsteri*, here newly described from Nevada, is recorded from Nogales.
- 1918b. The common ravens of North America. Ohio. Journ. Sci., 18: 213-225, April.  
*Corvus corax sinuatus* recorded from Guaymas.
- 1918c. Notes on the subspecies of *Numenius americanus* Bechstein. Auk, 35: 188-195, April 6.  
Specimens of *N. a. americanus* and *N. a. occidentalis* recorded from "Naris," Arizona,—really from Nariz Temporal, Sonora. (Mearns, 1907).

- [1919-1930] The Migration of North American Birds. Bird-Lore, vols. 21-32.  
In 22 numbers of this 'popular' series, Sonora is included in the ascribed ranges. The items do not merit separate listing in the present connection and are not cited in the synonymies.
- 1919a. Description of a new subspecies of *Piranga hepatica* Swainson. Auk, 36: 74-78, January 5.  
Specimen of *Piranga hepatica oreophasma* recorded from Álamos.
- 1919b. A revision of the subspecies of *Passerculus rostratus* (Cassin). Ohio Journ. Sci., 19: 344-354, April.  
*Passerculus rostratus rostratus* listed from several localities in north-western Sonora.
- 1919c. The geographic races of *Hedymeles melanocephalus* Swainson. Auk, 36: 408-416, "July" = June 28.  
*H. m. melanocephalus* and *H. m. papago*, the latter here described as new from Arizona, are stated to breed in Sonora.
1920. A synopsis of the genus *Thryomanes*. Wilson Bull., 32: 18-28, March.  
Central Sonora included in the breeding range of *Thryomanes bewickii eremophilus*.
1921. A revision of the races of *Dendroica auduboni*. Ohio Journ. Sci., 21: 240-248, May.  
Specimens of *D. a. auduboni* and *D. a. memorabilis*, the latter here described from Colorado, are listed from Sonora localities.
1930. Notes on a collection of birds from Arizona and New Mexico. Sci. Publ. Cleveland Mus. Nat. Hist., 1: 83-124, pl., December 31.  
*Catherpes mexicanus meliphonus* described as new from Álamos.  
The range of *Sturnella magna lilianae*, described from Arizona, includes portions of Sonora.
1932. Descriptions of new birds from Oregon, chiefly from the Warner Valley region. Sci. Publ. Cleveland Mus. Nat. Hist., 4: 1-12, September 19.  
*Stelgidopteryx ruficollis psammochrous* held valid. *Oberholseria chlorura zapolia* and *Poocetes gramineus definitus*, described as new, are cited from southern Sonora.
1934. A revision of the North American house wrens. Ohio Journ. Sci., 34: 86-96, March.  
Specimen of *Troglodytes domesticus parkmanii* cited from Álamos.
1937. A revision of the clapper rails (*Rallus longirostris* Boddaert). Proc. U. S. Nat. Mus., 84: 313-354.  
Included is *Rallus longirostris rhizophorae* of the coast of southern Sonora.
- OGILVIE-GRANT, W. R. [see also Sharpe, R. B., and]
1893. Catalogue of the game birds (Pterocletes, Gallinae, Opisthocomi, Hemipodii) in the collection of the British Museum. Cat. Birds Brit. Mus., 22, xvi-585 pp., 8 pls., after November 17.  
Sonora specimens of *Lophortyx*, *Ortyx*, and *Cyrtonyx* listed from the Salvin-Godman collection.
1902. Remarks on the species of American Gallinae recently described, and Notes on their Nomenclature. Ibis, 8th ser. 2: 233-245, April.  
Denies validity of certain races of quail recently named by Nelson (1899a, etc.).

## PARKER, H. G.

1887. Notes on the eggs of thrushes and thrashers. *Orn. and Oöl.*, 12: 69-73, May.  
Records of the eggs of *Harporhynchus cinereus* from Guaymas [!].

## PEARSON, T. G.

1933. Crows, magpies, and jays. *Nat. Geog. Mag.*, 63: 51-79, 8 pls., January.  
Sonora is cited as the ranges of several species pictured.

## PENARD, T. E. [see Bangs, O., and]

## PETERS, J. L. [see also Bangs, O., and; Moore, R. T., and]

- 1929a. The identity of *Corvus mexicanus* Gmelin. *Proc. Biol. Soc. Wash.*, 42: 121-124, March 25.  
The name of Sonora Boat-tailed Grackle is *Cassidix mexicanus nelsoni*.
- 1929b. An ornithological survey in the Caribbean lowlands of Honduras. *Bull. Mus. Comp. Zoöl.*, 69: 397-478, October.  
Critical remarks on a Sonora specimen of *Pitangus sulphuratus*.
1930. A review of the races of *Picus lineatus* Linné. *Occ. Papers Bost. Soc. Nat. Hist.*, 5: 317-322, September 2.  
Sonora specimens are considered to be *Ceophloeus lineatus scapularis*.
- 1931-1940. Check-list of birds of the world. (Harvard University Press, Cambridge), Vol. 1 (1931), . . . Gaviiformes, Colymbiformes, Procellariiformes, Pelicaniformes, Ciconiiformes, Anseriformes, Falconiformes, pp. xviii-345. Vol. 2 (1934), Galliformes, Gruiformes, . . . Charadriiformes, pp. xvii-401. Vol. 3 (1937), Columbiformes, Psittaciformes, pp. xii-311. Vol. 4 (1940), Cuculiformes, Strigiformes, Caprimulgiformes, Apodiformes (part), pp. xii-291.  
Nomenclature of all species and subspecies within the orders so far published. Sonora is specifically included in the ranges given for many forms.
- 1931a. An account of the yellow-green vireo (*Vireosylva flavoviridis* Cassin). *Auk*, 48: 575-587, October 18.  
Includes Sonora in the range of *Vireosylva flavoviridis flavoviridis*.

## PETERS, J. L., and GRISCOM, L.

1938. Geographical variation in the savannah sparrow. *Bull. Mus. Comp. Zoöl.*, 80: 445-478, pl., January.  
The status of the *rostratus* group discussed informally and with no definite conclusions save that all are races of *Passerculus sandwichensis*.

## PHILLIPS, A. R., [see also Sutton, G. M., and]

1940. Two new breeding birds for the United States. *Auk*, 57: 117-118, January 4.  
*Tyrannus melancholicus occidentalis* and *Cassidix mexicanus nelsoni* believed to breed in Sonora only from Guaymas southward.
1943. Critical notes on two southwestern sparrows. *Auk*, 60: 242-248, April 5.  
Sonora included in the ranges of *Aimophila botterii botterii* and

*Melospiza melodia bendirei*, the latter newly named from Tucson, Arizona.

PHILLIPS, J. C.

1911. A years' collecting in the state of Tamaulipas, Mexico. *Auk*, 28: 67-89, January.

Comparison of Tamaulipas and Sonora specimens of *Myiochanes pertinax pallidiventris*.

1922-1926. A natural history of the ducks. (Houghton Mifflin Company, Boston and New York), 4 vols. Vol. 1 (1922) xii-264, 18 pls., 17 maps. Vol. 2 (1923), xii-409 pp., 26 pls., 38 maps. Vol. 3 (1925), xii-383 pp., 26 pls., 30 maps. Vol. 4 (1926), xii-489 pp., 32 pls., 23 maps. Thorough treatment of taxonomy, distribution, plumages, etc. There are a few specific ascriptions to Sonora, all, apparently, from published sources.

PRICE, W. W.

1899. Some Winter Birds of the Lower Colorado Valley. *Bull. Cooper Orn. Club.*, 1: 89-93, September.

Annotated list of 91 species observed in the Colorado delta in mid-winter. In many instances there is no indication as to whether the species was noted in Arizona, Baja California, or Sonora.

PYCRAFT, W. P.

1915. The Avifauna of Central America: a Study in Geographical Distribution. *Ibis*, 10th ser., 3: 761-780, October.

Various Central American and Mexican birds considered to be of Old World origin. One of these, *Sitta nelsoni*, is specifically ascribed to Sonora.

REED, C. A.

1904. North American birds eggs. (Doubleday, Page and Company, New York), [x]-356 pp., many ill.

Cites Brewster and Blue-footed Boobies breeding on San Pedro Mártir Island.

RENARDO, J.

1886. Notes on some birds of the United States which occur in the Mexican Fauna. [translated by F. H. Carpenter] *Orn. and Oöl.*, 11: 117-118, August.

*Salpinctes obsoletus* and *Icteria virens longicauda* at Guaymas.

RHOADS, S. N. [see also Stone, W., and]

1893. The *Vireo huttoni* group, with description of a new race from Vancouver Island. *Auk*, 10: 238-241, July.

Lists *Vireo huttoni stephensi* from "Bacadehuachu" and Mina Abundancia.

RIDGWAY, R. [see also Baird, Brewer, and; Ferrari-Perez, F., and]

1873. On some new forms of American birds. *Amer. Nat.*, 7: 602-619, October.

*Peuceea aestivalis* var. *Arizonae* described from Los Nogales.

- 1887a. Description of a new plumed partridge from Sonora. *Forest and Stream*, 28: 106, March 3.  
Original description of *Callipepla elegans bensoni* from "Campos."
- 1887b. The Imperial Woodpecker (*Campephilus imperialis*) in Northern Sonora. *Auk*, 4: 161, April.  
"Within fifty miles of the Arizona boundary."
- 1887c. Description of a new plumed partridge from Sonora. *Proc. U. S. Nat. Mus.*, 10: 148-150, July 2.  
Redescription of *Callipepla elegans bensoni*.
- 1887d. A manual of North American Birds. (J. B. Lippincott Company, Philadelphia), xii-631 pp., 124 pls.  
Occasional mention (sometimes critical) of Sonora specimens.
1892. The humming birds. Report of the U. S. Nat. Mus. for 1890: 253-383, 46 pls., 46 text figs., July.  
*Trochilus alexandri* said to breed south to Guaymas.
1893. Description of a new storm petrel from the coast of western Mexico. *Proc. U. S. Nat. Mus.*, 16: 687-688, November 24.  
*Oceanodroma townsendi*, described as new from Baja California, is also recorded from Guaymas.
- 1894a. [Review] Allen's List of Birds collected in Northeastern Sonora and Northwestern Chihuahua. *Auk*, 11: 66-67, January.  
Justly skeptical as to certain identifications.
- 1894b. On geographical variations in *Sialia mexicana* Swainson. *Auk*, 11: 145-160, April.  
*Sialia mexicana occidentalis* believed to be the resident race in Sonora.
1896. A manual of North American Birds. Second edition.  
Occasional references to Sonora birds in appendix (pp. 583-614) not in first (1887) edition.
1898. Descriptions of supposed new genera, species, and subspecies of American birds. 1. Fringillidae. *Auk*, 15: 223-230, July [separates publ. May 13].  
Sonora included in the range of *Amphispiza bilineata deserticola*.
- 1901-1919. The birds of North and Middle America . . . . *Bull. U. S. Nat. Mus.*, 50. Part 1 (1901), xxx-715 pp., 20 pls. Part 2 (1902), xx-834 pp., 22 pls. Part 3 (1904), xx-801 pp., 19 pls. Part 4 (1907), xxii-974 pp., 34 pls. Part 5 (1911), xxiii-859 pp., 33 pls. Part 6 (1914), xx-882 pp., 36 pls. Part 7 (1916), xiii-543 pp., 24 pls. Part 8 (1919), xvi-852 pp., 34 pls.  
Full descriptions, synonymies, distribution, etc., of all forms known at the time of publication of the various parts. Contains many references to Sonora as well as the original descriptions of several Sonora races. For orders and families not covered in the eight parts cited above see the continuation by Friedmann, 1941.
- 1901b. New birds of the families Tanagridae and Icteridae. *Proc. Wash. Acad. Sci.*, 3: 149-155, April 15.  
Original description of *Scaphidurus major nelsoni*.
- 1911b. Diagnoses of some new forms of Picidae. *Proc. Biol. Soc. Wash.*, 24: 31-36, February 24.  
Sonora included in the range of *Colaptes chrysoides mearnsi*, here newly described from Arizona.

## ROGERS, C. H.

1939. A new swift from the United States. *Auk*, 56: 465-468, October 4.  
Specimens of the White-throated Swift from Sonora determined to be  
*Aëronautes saxatalis saxatalis*.

## SALVADORI, T.

1891. Catalogue of the Psittaci, or parrots, in the collection of the British Museum. *Cat. Birds Brit. Mus.*, 20, xvii-658 pp., 18 pls., "December 13" = March, 1892?  
Specimens taken by Lloyd in the Salvin-Godman collection listed.
1893. Catalogue of the Columbæ, or pigeons, in the collection of the British Museum. *Cat. Birds Brit. Mus.*, 21, xvii-676 pp., 15 pls., *ante* October.  
A few Lloyd-taken specimens from Sonora are listed.
1895. Catalogue of the Chenomorphae, Crypturi, and Ratitæ in the collection of the British Museum. *Cat. Birds Brit. Mus.*, 27, xv-636 pp., 19 pls., "Sept. 6."  
Lists a few Sonora specimens of ducks.
- 1906a. Notes on the parrots (Part 5). *Ibis*, 8th ser., 6: 451-465, July.  
Comment on the status of *Psittacula pallida*.
- 1906b. Notes on the parrots (Part 6). *Ibis*, 8th ser., 6: 642-659, October.  
Criticism of the validity of *Chrysotis saltuensis*.

## SALVIN, O., and GODMAN, F. D.

- 1879-1904. *Biologia Centrali-Americana. Aves.* (Taylor and Francis, London), 3 vols. of text issued in 74 dated parts. Vol. 1, xliv-512 pp. Vol. 2, [ii]-598 pp. Vol. 3, iv-510 pp. Vol. 4, Plates 1-79 plus 4.  
Still the standard general work on Mexican and Central American birds. There are numerous ascriptions to Sonora, some of them original and based chiefly on specimens collected for the authors by William Lloyd.
- 1889b. Notes on Mexican Birds. *Ibis*, 6th ser., 1: 232-243, April.  
Original description of *Peucaea megarhyncha* from Santa Ana, [southern] Sonora. *Campylorhynchus gularis* recorded for the first time from this State.
- 1889c. Notes on Mexican Birds.—Part 2. *Ibis*, 6th ser., 1: 380-382, July.  
*Myadestes townsendi* recorded from Sonora.

## SALVIN, O., and HARTERT, E.

1892. Catalogue of the Picariae in the collection of the British Museum. Upupae and Trochili, by Osbert Salvin. Coraciae, by Ernst Hartert. *Cat. Birds Brit. Mus.*, 16, xvi-704 pp., 14 pls., *ante* October.  
Ascriptions to Sonora based chiefly on specimens taken by Lloyd.

## SALVIN, O., and SAUNDERS, H. [see Saunders, H., and]

## SALVIN, O., and SCLATER, P. L. [see Sclater, P. L., and]

## SANDYS, E., and VAN DYKE, T. S.

1904. Upland game birds. (The Macmillan Company, New York), vii-429 pp., pls.  
Range of the Masked Bob-white in Sonora.

- SANFORD, L. C., BISHOP, L. B., and VAN DYKE, T. S.  
 1903. The water-fowl family. (The Macmillan Company, New York), ix-598 pp., 20 pls.  
*Dendrocygna fulva* said to breed in western Sonora.
- SAUNDERS, G. B.  
 1934. Description of a new meadowlark from southwestern Mexico. *Auk*, 51: 42-45, January 8.  
 Critical remarks on *Sturnella magna lilianae* from Sonora.
- SAUNDERS, H., and SALVIN, O.  
 1896. Catalogue of the Gaviae and Tubinares in the collection of the British Museum. Gaviae (terns, gulls, and skuas) by Howard Saunders. [Tubinares by Salvin]. *Cat. Birds Brit. Mus.*, 25, xv-475 pp., 8 pls.  
 Lists a specimen of *Larus delawarensis* from Guaymas.
- SCLATER, P. L.  
 1859. A list of the Tyrant-birds of Mexico, with descriptions of some new species. *Ibis*, 1: 436-445, pl., October.  
*Empidonax pusillus* from "Los Nogales."  
 1862. Catalogue of a collection of American birds belonging to Philip Lutley Sclater. (N. Trübner & Co., London), [xvi]-338 pp., 20 pls.  
 A few specimens listed from Sonora, usually without definite locality.  
 1888. Catalogue of the Passeriformes, or perching birds, in the collection of the British Museum. Oligomyodae. *Cat. Birds Brit. Mus.*, 14, xx-494 pp., 26 pls., June 28.  
*Tyrannus vociferans* listed from Los Nogales.
- SCLATER, P. L., and SALVIN, O.  
 1868. Descriptions of New or little-known American Birds of the Families *Fringillidae*, *Oxyrbamphidae*, *Bucconidae*, and *Strigidae*. *Proc. Zool. Soc. Lond.*, for 1868: 322-329.  
 "*Peucaea cassini*" [= *Aimophila botterii*?] from Sonora.
- SCLATER, P. L., and SHELLEY, G. E.  
 1891. Catalogue of the Picariae in the collection of the British Museum. Scansores and Cocyges. Cocyges by G. E. Shelley. *Cat. Birds Brit. Mus.*, 19, xii-484 pp., 13 pls., ante July.  
*Coccyzus americanus* and *Geococcyx affinis* from Sonora.
- SCOTT, W. E. D.  
 1886. On the avi-fauna of Pinal County, with remarks on some birds of Pima and Gila Counties, Arizona. *Auk*, 3: 383-389, July.  
*Colinus ridgwayi* in northern Sonora.
- SEEBOHM, H. [and SHARPE, R. B.]  
 1898-1902. A monograph of the Turdidae, or family of thrushes. . . . Edited and completed by R. Bowdler Sharpe. . . . Henry Sotheran & Co., London), Issued in 13 parts in 2 vols. Vol. 1, xii-337. Vol. 2, ix-250. 149 pls. in 2 vols.  
 A few Lloyd-taken specimens listed.



## SHARPE, R. B.

1888. Catalogue of the Passeriformes, or perching birds, in the collection of the British Museum. Part 3. Fringillidae. Cat. Birds Brit. Mus., 12, xvi-872 pp., 16 pls., text figs., *ante* July.  
Apparently only *Peucaea arizonae* is mentioned.
1896. Catalogue of the Limicolae in the collection of the British Museum. Cat. Birds Brit. Mus., 24, xii-796, 7 pls., 19 text figs., *ante* October 21.  
Occasional shore-birds listed.
- 1899-1909. A hand-list of the genera and species of birds. (Taylor and Francis, London), 5 vols. 1 (1899), xxi-303; 2 (1900), xv-312; 3 (1901), xii-367; 4 (1903), xii-391; 5 (1909), xx-694.  
Many ascriptions to Sonora, at least one erroneous,—*Otophanes mcleodii*.

## SHARPE, R. B., and OGILVIE-GRANT, W. R.

1892. Catalogue of the Picariae in the collection of the British Museum. Coraciae (contin.) and Halcyones, by R. Bowdler Sharpe. Bucerotes and Trogones, by W. R. Ogilvie-Grant. Cat. Birds Brit. Mus., 17, xii-524 pp., 17 pls., text figs., *ante* October.  
Occasional Salvin-Godman specimens listed.
1898. Catalogue of the Plataleae, Herodiones, Steganopodes, Pygopodes, Alcae, and Impennes in the collection of the British Museum. Cat. Birds Brit. Mus., 26, xvii-687 pp., 8 pls., October.  
The *Pygopodes* section (by Ogilvie-Grant) contains citation of *Podiceps californicus* from Guaymas.

## SHARPE, R. B., and WYATT, C. W.

- 1885-1894. A monograph of the Hirundinidae or family of swallows. (Taylor and Francis, London), 2 vols. issued in 20 parts. Vol. 1, 356 pp., 54 pls., 11 maps, text figs.; Vol. 2, viii- [357]-673 pp., 50 pls., 5 maps, 1 text fig.  
The Tree Swallow at Guaymas.

## SHEFFLER, W. J.

- 1931a. Aviculturists Seek the Masked Bob-white (*Colinus ridgwayi*) in Mexico. Aviculture, ser. 2, 3: 135-138, June.  
Narrative account of various species observed in northern Sonora.
- 1931b. Aviculturists Seek the Masked Quail. Aviculture, ser. 2, 3: 164-167, July.  
Continuation of the above.

## SHEFFLER, W. J., and VAN ROSSEM, A. J.

1944. Nesting of the Laughing Falcon. Auk, 61: 140-142, January 22.  
At Guirocoba. Seemingly the first account of the nesting of this species.

## SHELLEY, G. E. [see Sclater, P. L., and]

## SHIELDS, A. M.

1899. Nesting of the Fulvous Tree Duck. Bull. Cooper Orn. Club, 1: 9-11, January.  
Cites Grayson [Lawrence, 1874] on occurrence in Sonora.

## SHUFELDT, R. W.

1889. Notes on the Brewster's and the Blue-footed Gannet. *Auk*, 6: 87, January.

On specimens from San Pedro Mártir Island.

## SIMON, E.

1921. Histoire naturelle des Trochilidae (Synopsis et Catalogue). (Encyclopédie Roret, L. Mulo, Libraire-Éditeur, Paris), vi-416 pp., ante February 22.

Descriptions, synonymies, etc., of all Sonora species known to date. There are a few direct ascriptions.

## SINGER, D. J.

1914. Big game fields of America north and south. (George H. Doran Company, New York), 368 pp., 74 ills.

Chapters 6 and 10 contain good accounts of the northeastern Sierra Madre, with several illustrations. Ornithological matter is limited and of interest chiefly because of the accounts of the abundance of turkeys and Mearns Quail.

## SLEVIN, J. R.

1923. Expedition of the California Academy of Sciences to the Gulf of California in 1921. General account. *Proc. Calif. Acad. Sci.*, 4th ser., 12: 55-72, map, June 2.

Itinerary with short descriptions of localities. Birds, mentioned casually, are reported by Mailliard, 1923.

## STEPHENS, F.

1885. Notes of an ornithological trip in Arizona and Sonora. *Auk*, 2: 225-231, July.

Narrative account of some 25 species observed or collected, including the type of the Masked Bob-white.

## STONE, W., and RHOADS, S. N.

1905. On a collection of birds and mammals from the Colorado delta, Lower California. *Proc. Acad. Nat. Sci. Phila.*, 57: 676-690, December 6.

Some species seen or collected at "Colony" [Colonia Lerdo] and other points on the Sonora side of the river. Others are indeterminate as regards locality. Some of Rhoads' sight records verge on the impossible.

## STREETS, T. H.

1877. Contributions to the natural history of the Hawaiian and Fanning Islands and Lower California, made in connection with the United States North Pacific surveying expedition, 1873-75. *Bull. U. S. Nat. Mus.*, 7, 172 pp.

In the ornithological section, *Passerculus savanna* and *Sula leucogaster* are recorded from Sonora localities.

## STRESEMANN, E.

1922. [Untitled note under "Kurtze Mitteilungen"]. *Ornithologische Monatsberichte*, 30: 88, July.

*Chionophilos alpestris dwighti* proposed as a substitute name for *Otocoris alpestris pallida* Dwight (preoccupied).

SUTTON, G. M., and BURLEIGH, T. D.

1940. A new tufted flycatcher from Hidalgo. *Wilson Bull.*, 52: 30-31 March 28.

Sonora specimens of *Mitrephanes phaeocercus tenuirostris* compared.

SUTTON, G. M., and PHILLIPS, A. R.

1942. June bird life of the Papago Indian reservation, Arizona. *Condor*, 44: 57-65, March 16.

Certain distributional aspects of this section of the boundary. Some Arizona records of *Numenius americanus* are shown to pertain to Sonora.

SUTTON, G. M., and VAN TYNE, J. [see Van Tyne, J., and]

SWANN, H. K.

1922. A synopsis of the Accipitres (Diurnal Birds of Prey). Second edition. (Wheldon and Wesley, Ltd., London), viii-233- [1] pp. [in 4 parts, between Sept. 28, 1921 and May 20, 1922].

Endorses validity of *Geranospizias caerulescens livens* (p. [1]).

- 1924-1930. A monograph of the birds of prey (order Accipitres). (Wheldon and Wesley, Ltd., London), Vol. 1, ix-487-lxvii pp., 33 col. pls. [in 9 parts; parts 8 and 9 edited by A. Wetmore].

Descriptions and synonymies of all species known to date. There are a few direct references to Sonora, all, however, previously published.

SWARTH, H. S.

1904. The Status of the Southern California Cactus Wren. *Condor*, 6: 17-19, January.

Northern Sonora specimens mentioned without conclusions as to systematic status.

1914. A distributional list of the birds of Arizona. (Cooper Ornithological Club, Hollywood, California), *Pacific Coast Avifauna* No. 10, 133 pp., map.

The distributions of many forms along the Arizona-Sonora boundary are considered, although there is no direct ascription to the latter State.

1920. [Review of Oberholser's] A revision of the subspecies of *Passerculus rostratus* (Cassin). *Condor*, 22: 81-84, March 22.

Including remarks on the presumed breeding and winter range in Sonora.

TAYLOR, A. S.

1859. The Queleli, a rare bird of Sonora. *San Francisco Herald*, April —. [original not seen; title from Coues, 1874].

This is more appropriately an item for Couesiana' than for the present bibliography, for Coues' credulity in accepting it as possibly descriptive of the "vultures" seen by him in Arizona is decidedly out of character. Queleli is the name for the Caracara throughout Sonora and, making due allowances for third-hand accounts and newspaper embellishments, the description may be tentatively so identified.

## THAYER, J. E., and BANGS, O.

1906. Breeding birds of the Sierra de Antonez, north central Sonora. Proc. Biol. Soc. Wash., 19: 17-22, February 26.  
Nominal list of 67 species from Opodepe (in the San Miguel River valley) and La Chumata Mine. There is occasional systematic criticism and one new race, *Psaltriparus plumbeus cecaumenorum*, is described from the latter locality.
1907. Birds collected by W. W. Brown, Jr., on Cerros, San Benito and Natividad Islands in the spring of 1906, with notes on the biota of the islands. Condor, 9: 77-81, May.  
Critical comment on the status of *Corvus corax* in Sonora.
1909. Description of a new subspecies of the snowy heron. Proc. New England Zoöl. Club, 4: 39-41, April 29.  
A specimen from Guaymas is referred to *Egretta candidissima brewsteri*.

## TODD, W. E. C.

1913. A revision of the genus *Chaemepelia*. Ann. Carnegie Mus., 8: 507-603, May 8.  
Critical remarks on Sonora specimens of *Chaemepelia passerina pallescens*.
1929. A revision of the wood-warbler genus *Basileuterus* and its allies. Proc. U. S. Nat. Mus., 74: 1-95.  
*Idiotes rufifrons caudatus* cited from Sonora localities.

## TOWNSEND, C. H.

1890. Birds from the coasts of western North America, and adjacent islands, collected in 1888-89, with descriptions of new species. Proc. U. S. Nat. Mus., 13: 131-142, September 9.  
Cites several species from the coast of Sonora, one of which, *Otocoris alpestris pallida* is described as new from "near mouth of Rio Colorado."
1911. [Letter from]. Auk, 28: 389-391, July.  
Summary of zoological work on the "Albatross" expedition of 1911, with mention of bird collections made on San Estéban and Tiburón Islands.
1916. Voyage of the 'Albatross' to the Gulf of California in 1911. Bull. Amer. Mus. Nat. Hist., 35: 399-476, 45 ills., map, August 2.  
Itinerary and rather informal account, including descriptions and photographs of Sonora stations. Birds are reported formally in 1923.
1923. Birds collected in Lower California. Bull. Amer. Mus. Nat. Hist., 48: 1-25, 1 pl., map, March 9.  
Includes birds collected or observed at San Estéban, San Pedro Mártir, and Tiburón Islands, and Guaymas. Contains the original description (with colored plate) of *Pipilo fuscus jamesi* from Tiburón Island.

## TWOMEY, A. C.

1942. Art. xvii. The birds of the Uinta Basin, Utah. Ann. Carnegie Mus., 28: 341-490, map, January 19.  
Comparison of Utah and Sonora specimens of *Aëronautes saxatalis saxatalis* (p. 403).

- VAN DYKE, T. S. [see Sanford, L. C., Bishop, L. B., and; Sandys, E., and]
- VAN ROSSEM, A. J. [see also Dickey, D. R., and; Sheffler, W. J., and]
- 1926a. The Craveri murrelet in California. *Condor*, 28: 80-83, fig., March 15.  
Also recorded from George and Tiburón Islands, with description of downy young from first-named locality.
- 1926b. The California forms of *Agelaius phoeniceus* (Linnaeus). *Condor*, 28: 215-230, 5 ill., incl. 2 maps, September 21.  
The coastal plain of Sonora included in the range of *A. p. sonoriensis*.
1927. A New Race of Sclater Oriole. *Condor*, 19: 75-76, January 15.  
Cites Sonora specimens of *Icterus pustulatus*.
- 1930a. A new race of gilded flicker from Sonora. *Trans. San Diego Soc. Nat. Hist.*, 6: 171-172, July 12.  
*Colaptes chrysoides tenebrosus*, here described as new, listed from several points in southern Sonora in addition to [Ciudad] Obregón, the type locality.
- 1930b. The Sonora races of *Camptostoma* and *Platypsaris*. *Proc. Biol. Soc. Wash.*, 43: 129-132, July 18.  
Considers *Camptostoma imberbe ridgwayi* a valid race. *Platypsaris aglaiae richmondi* described as new with type locality "Saric."
- 1930c. Two new subspecies of birds from Sonora. *Trans. San Diego Soc. Nat. Hist.*, 6: 197-198, August 30.  
*Columba flavirostris restricta*, type locality Tecoripa, and *Myiozetetes similis primulus*, type locality Tesia, described as new.
- 1930d. The races of *Auriparus flaviceps* (Sundevall). *Trans. San Diego Soc. Nat. Hist.*, 6: 199-202, August 30.  
*Auriparus flaviceps fraterculus* described as new with the type locality Chinobampo.
- 1930e. New Sonora races of *Toxostoma* and *Pheugopedius*. *Trans. San Diego Soc. Nat. Hist.*, 6: 207-208, September 30.  
*Toxostoma curvirostre insularum* from San Estéban Island, and *Pheugopedius felix sonorae* from Guirocoba.
- 1930f. Some geographic variations in *Piaya cayana*. *Trans. San Diego Soc. Nat. Hist.*, 6: 209-210, September 30.  
*Piaya cayana extima* described as new from Guirocoba.
- 1930g. Critical notes on some yellowthroats of the Pacific southwest. *Condor*, 32: 297-300, map, November 22.  
Including manner of occurrence of *Geothlypis trichas modesta* and *Geothlypis trichas chryseola* in Sonora, the latter described as new from "Saric" [=Rancho La Arizona].
- 1930h. A Northwestern Race of the Mexican Goshawk. *Condor*, 32: 303-304, November 22.  
Original description of *Asturina plagiata maxima*; type locality San Javier.
- 1930i. Four new birds from northwestern Mexico. *Trans. San Diego Soc. Nat. Hist.*, 6: 213-226, November 28.  
Including original descriptions of *Passerculus sandwichensis atratus* with type locality Tóbari Bay, and *Amphispiza bilineata cana* from San Estéban Island.

- 1930j. A new least bittern from Sonora. Trans. San Diego Soc. Nat. Hist., 6: 227-228, November 28.  
*Ixobrychus exilis pullus* described as new with type locality Tóbari Bay. Sonora records of *Ixobrychus exilis hesperis* are also cited.
- 1931a. Concerning some *Poliophtilae* of the west coast of Middle America. Auk, 48: 33-39, text fig., January 4.  
 Considers *Poliophtila nigriceps restricta* a valid race.
- 1931b. Concerning some Western Races of *Poliophtila melanura*. Condor, 33: 35-36, January 15.  
*Poliophtila melanura lucida* described as new with type locality 10 miles north of Guaymas.
- 1931c. Report on a collection of land birds from Sonora, Mexico. Trans. San Diego Soc. Nat. Hist., 6: 237-304, map, April 30.  
 254 species and subspecies listed, frequently with systematic or distributional comment.
1932. The avifauna of Tiburón Island, Sonora, Mexico, with descriptions of four new races. Trans. San Diego Soc. Nat. Hist., 7: 119-150, 2 pls., map, July 28.  
 Faunal relationships considered. An annotated list of 82 species known to occur on the island, including original descriptions of *Lophortyx gambelii pembertoni*, *Heleodytes brunneicapillus seri*, *Poliophtila melanura curtata*, and *Richmondia cardinalis townsendi*.
- 1933a. A northern race of *Melospiza rubricatula* (Cabanis). Trans. San Diego Soc. Nat. Hist., 7: 283-284, March 31.  
 Original description of *Melospiza rubricatula gravior* with Hacienda de San Rafael the type locality.
- 1933b. Records of some Birds New to the Mexican State of Sonora. Condor, 35: 198-200, September 15.  
 13 species so reported and incidental mention made of others.
- 1934a. Notes on some types of North American birds. Trans. San Diego Soc. Nat. Hist., 7: 347-362, pl., May 31.  
 Sonora is included in the ranges of *Pyrocephalus rubinus flammeus*, *Tangavivus aeneus milleri*, and *Pyrrhuloxia sinuata fulvescens*, here described as new from extralimital localities.
- 1934b. A northwestern race of the varied bunting. Trans. San Diego Soc. Nat. Hist., 7: 369-370, May 31.  
*Passerina versicolor dickeyae* described as new; type locality Chinobampo.
- 1934c. Notes on some races of *Ceophloeus lineatus* (Linnaeus). Trans. San Diego Soc. Nat. Hist., 8: 9-12, August 10.  
 Original description of *Ceophloeus lineatus obsoletus* from Álamos.
- 1934d. Critical notes on Middle American birds. Bull. Mus. Comp. Zool., 77: 387-490, December 29.  
 Three separate papers printed under one title, the sub-titles being:  
 A. Notes on some species and subspecies of Guatemala birds; B. Notes on some types of Mexican and Central American birds; C. A systematic report on the Brewster collection of Mexican birds. Pagination is continuous. 26 new races are described.

Part B includes original description of *Centurus uropygialis fuscescens* from Chinobampo; also change of specific name of the Ground Sparrow, *Melospiza*. Part C is based entirely on the collections made by Cahoon, Frazar, and McLeod in Sonora and Chihuahua. New races described from Sonora, together with their type localities, are as follows: *Ortalis wagleri griseiceps* (Álamos), *Anthoscenus constantii surdus* (Álamos), *Trogon ambiguus canescens* (San Javier), *Turdus rufopalliatus gravior* (Guircoba), *Vireo hypochryseus nitidus* (Hacienda de San Rafael), *Aimophila quinquestrata septentrionalis* (Hacienda de San Rafael), *Aimophila ruficeps simulans* (Mina Abundancia).

- 1935a. The mangrove warbler of northwestern Mexico. Trans. San Diego Soc. Nat. Hist., 8: 67-68, August 24.  
*Dendroica erithachorides rhizophorae*: type locality, Tóbari Bay.
- 1935b. Notes on the forms of *Spizella atrogularis*. Condor, 37: 282-284, November 15.  
 Cites *Spizella atrogularis evura* from Oposura.
- 1936a. The Bush-tit of the Southern Great Basin. Auk, 53: 85-86, January 8.  
 Including comment on the type series of *Psaltriparus minimus cecamenorum*.
- 1936b. Description of a race of *Myiarchus cinerascens* from El Salvador. Trans. San Diego Soc. Nat. Hist., 8: 115-118, March 12.  
 Integradation of *Myiarchus cinerascens* and *Myiarchus inquietus* in Sonora.
- 1936c. Birds of the Charleston Mountains, Nevada. (Cooper Ornithological Club, Berkeley, California), Pacific Coast Avifauna No. 24, 65 pp., 13 ills., May 1.  
 Critical comment on Sonora specimens of Bush-tit, Robin, Meadow-lark, and Broad-tailed Hummingbird.
- 1936d. Notes on birds in relation to the faunal areas of south-central Arizona. Trans. San Diego Soc. Nat. Hist., 8: 121-148, 2 pls., May 29.  
 Distribution of certain races along the Arizona-Sonora boundary.
- 1937a. Concerning the Name of the Sonora House Finch. Condor, 39: 38, January.  
 Controversial: *sonoriensis* versus *rhodopnus*.
- 1937b. A race of the Derby flycatcher from northwestern Mexico. Proc. Biol. Soc. Wash., 50: 25-26, February 23.  
*Pitangus sulfuratus* [sic] *palliatus* described; type locality, Álamos.
- 1937c. The ferruginous pigmy owl of northwestern Mexico and Arizona. Proc. Biol. Soc. Wash., 50: 27-28, February 23.  
 Original description of *Glaucidium brasilianum cactorum*, the type locality of which is between Guaymas and Empalme.
- 1938a. The Groove-billed Ani of Lower California and Northwestern Mexico. Condor, 40: 91.  
 The range of *Crotophaga sulcirostris pallidula* includes Sonora.
- 1938b. A Mexican race of the goshawk (*Accipiter gentilis* [Linnaeus]). Proc. Biol. Soc. Wash., 51: 99-100, May 19.  
 A specimen of *Accipiter gentilis apache*, here described from southern Arizona, is cited from Yécora.

- 1938c. [. . . descriptions of twenty-one new races of Fringillidae and Icteridae from Mexico and Guatemala . . .]. Bull. Brit. Orn. Club, 58: 124-138, July 13.  
Sonora is cited as in the ranges of several of these.
- 1938d. Notes on some Mexican and Central American Wrens of the Genera *Heleodytes*, *Troglodytes*, and *Nannorchilus*; and four new races. Bull. Brit. Orn. Club, 59: 10-15, November.  
Comparison of Sonora specimens of *Troglodytes brunneicollis cahooni*.
- 1938e. Descriptions of three new birds from western Mexico. Trans. San Diego Soc. Nat. Hist., 9: 9-12, November 21.  
Sonora is included in the range of *Herpetotheres cachinnans excubitor*, here newly described from Jalisco.
- 1938f. A Colorado Desert race of the summer tanager. Trans. San Diego Soc. Nat. Hist., 9: 13-14, November 21.  
*Piranga rubra cooperi* determined to be the race in eastern Sonora.
- 1939a. Four new races of Sittidae and Certhidae from Mexico. Proc. Biol. Soc. Wash., 52: 3-6, February 4.  
*Sitta carolinensis umbrosa*, described from southern Chihuahua, is cited from Mina Abundancia.
- 1939b. A race of the Rivoli humming bird from Arizona and northwestern Mexico. Proc. Biol. Soc. Wash., 52: 7-8, February 4.  
Sonora included in the range of *Eugenes fulgens aureoviridis*, here described from Arizona.
- 1939c. A new race of the sharp-shinned hawk from Mexico. Auk, 56: 127-128, pl., January 19.  
A specimen of *Accipiter striatus suttoni*, here described from Nuevo Leon, is listed from Tesia.
- 1939d. A race of the yellow-breasted chat from the tropical zone of southern Sonora. Wilson Bull., 51: 156, September 28.  
*Icteria virens tropicalis*; type locality, Tesia.
- 1939e. A new race of the mangrove swallow from northwestern Mexico. Proc. Biol. Soc. Wash., 52: 155-156, October 11.  
*Iridoprocne albilinea rhizophorae*; type locality, Tóbari Bay.
- 1939f. Some new Races of Birds from Mexico. Ann. and Mag. Nat. Hist., ser. 11, 4: 439-443, October.  
*Brachyrampus craveri* believed to be a race of *Brachyrampus hypoleucus*.
1940. Notes on some North American birds of the genera *Myiodynastes*, *Pitangus*, and *Myiochanes*. Trans. San Diego Soc. Nat. Hist., 9: 79-86, April 30.  
Concludes that the subspecific name of the Sulphur-bellied Flycatcher of Sonora should be *swarthi*, and that *Pitangus sulphuratus palliatus* is a valid race. Also includes Sonora in the range of *Myiochanes virens placens*, here newly described from southern Arizona.
- 1941a. A Race of the Poor-will from Sonora. Condor, 43: 247, September 18.  
The range of *Phalaenoptilus nuttallii adustus*, described from southern Arizona, includes part of western and central Sonora.



- 1941b. The Thick-billed Kingbird of Northern Sonora. *Condor*, 43: 249-250, September 18.  
*Tyrannus crassirostris sequestratus* described from Rancho La Arizona.
- 1941c. A race of the blue-hooded euphonia from Sonora. *Occ. Papers Mus. Zool. Univ. Mich.*, 449: 1-2, October 9.  
*Tanagra elegantissima viscivora*; type locality, San Francisco Cañon.
- 1941d. Further Notes on Some Southwestern Yellowthroats. *Condor*, 43: 291-292, November 17.  
 Distribution of races in Sonora. *Geothlypis trichas riparia* described from Tesia.
- 1942a. A western race of the tooth-billed tanager. *Auk*, 59: 87-89, January 10.  
*Piranga flava zimmeri*; type locality, Guirocoba.
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