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A Bibliography of the Lesser Prairie Chicken, 1873-1980.

John A. Crawford and Fred A. Stormer

General Technical Report RM-80
Rocky Mountain Forest and
Range Experiment Station
Forest Service
U.S. Department of Agriculture

A Bibliography of the Lesser Prairie Chicken, 1873-1980

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Abstract

This bibliography contains 207 references on research and management of the lesser prairie chicken (*Tympanuchus pallidicinctus*) published during 1873-1980. A subject index is referenced numerically to an alphabetical list of authors.

¹Headquarters is at Fort Collins in cooperation with Colorado State University. Research reported here was completed at the Station's Research Work Unit in Lubbock, Tex.

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John A. Crawford and Fred A. Stormer

Lesser prairie chickens (*Tympanuchus pallidicinctus*) once occupied large areas of grasslands in southeastern Colorado, southwestern Kansas, eastern New Mexico, western Oklahoma, and the Texas Panhandle. Since 1900, the occupied range has declined by 92% (Taylor and Guthery 1980). Intensive agriculture and heavy grazing probably was a major factor in reducing populations. The species is not endangered; however, land use practices associated with its decline continue, and in some portions of the range, are expanding as more rangeland is converted to irrigated cropland. Hence, the situation bears close watching by conservationists and land managers alike, especially in light of the fact that only about 5% of the currently occupied range is in public ownership.

Because of the large amount of wildlife literature that has accumulated, it is difficult for biologists to cope with the volume of information, even on a regional basis. This bibliography may help them by providing sources of information on the lesser prairie chicken.

More than 200 documents (books, technical and popular articles, theses, dissertations, and reports) relating to the lesser prairie chicken have been published since the identification of this species in 1873. Approximately 75% of these works have been published since 1950. Of the 207 references listed in this bibliography, 60% deal specifically with the lesser prairie chicken; the remainder are general references in which the species is included.

Many Federal Aid in Wildlife Restoration Project reports were included because much of the information in these reports is not published elsewhere. The reports are available from the Fish and Wildlife Reference Service, Denver Public Library, Denver, CO 80223.

This bibliography is divided into two parts, a subject index and an author index. There are nineteen categories in the subject index with numbers which relate to works listed in the alphabetical author index.

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A

1. Addison, E. M., and R. C. Anderson. 1969. *Oxyspirura lumsdeni* n. sp. (Nematoda: Thelaziiidae) from Tetraonidae in North America. Canadian Journal of Zoology 47: 1223-1227.
2. Aldrich, J. 1963. Geographic orientation of American Tetraonidae. Journal of Wildlife Management 27:529-545.
3. Aldrich, J. W., and A. J. Duvall. 1955. Distribution of American gallinaceous game birds. U. S. Department of Interior, Fish and Wildlife Circular 34, 23 p. Washington, D.C.

4. Allen, J. A. 1893. The geographical origin and distribution of North American birds, considered in relation to faunal areas of North America. *Auk* 10:97-151.
5. American Ornithologists' Union. 1957. Check-list of North American birds Fifth edition, 691 p. Port City Press, Inc., Baltimore, Md.
6. Askins, C. 1913. The prairie chicken. *Field and Stream* 18:634-641.

B

7. Bailey, A. M., and R. J. Niedrach. 1965. Birds of Colorado. Volume 1, 454 p. Denver Museum of Natural History, Denver, Colo.
8. Bailey, F. M. 1928. Birds of New Mexico. 807 p. Judd and Detweiler, Inc., Washington, D.C.
9. Bailey, V. 1905. Biological survey of Texas. U.S. Department of Agriculture, Biological Survey of North American Fauna 25, 222 p. Washington, D.C.
10. Baird, S. F., T. M. Brewer, and R. Ridgeway. 1874. A history of North American birds. Volume 1, 596 p. Little, Brown, and Co., New York, N. Y.
11. Baker, M F. 1953. Prairie chickens of Kansas. University of Kansas Museum of Natural History, and Biological Survey of Kansas Miscellaneous Publication 5, 68 p. Lawrence.
12. Bendire, C. E. 1892. Life histories of North American birds with special reference to their breeding habits and eggs. U. S. National Museum Special Bulletin 1, 446 p. New York, N.Y.
13. Bennitt, R. 1932. Check-list of the birds of Missouri. University of Missouri Studies 7:25. Columbia.
14. Bent, A. C. 1932. Life histories of North American gallinaceous birds. U. S. National Museum Bulletin 162:1-490.
15. Berger, A. J. 1972. Hawaiian birdlife. 270 p. University of Hawaii Press, Honolulu.
16. Braun, C. E. 1975. Mortality, survival and effects of hunting on grouse, partridge, pheasants and quail, an annotated bibliography. Colorado Division of Wildlife Report 3, 44 p. Denver.
17. Bryan, E. H., Jr. 1958. Check list and summary of Hawaiian birds. 28 p. Books About Hawaii, Honolulu.
18. Bunker, C. D. 1913. The birds of Kansas. Kansas University Science Bulletin 7:137-158. Manhattan.

C

19. Campbell, H. 1950. Note on the behavior of marsh hawks toward lesser prairie chickens. *Journal of Wildlife Management* 14:477-478.
20. Campbell, H. 1968. Prairie chicken hunting harvest field surveys. 10 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-104-R-09, Santa Fe.

21. Campbell, H. 1969. Prairie chicken spring population trends. 10 p. New Mexico Department of Game and Fish. Federal Aid in Wildlife Restoration Project W-104-R-10, Santa Fe.
22. Campbell, H. 1970. Prairie chicken populations. 20 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-104-R-11, Santa Fe.
23. Campbell, H. 1972. A population study of lesser prairie chickens in New Mexico. *Journal of Wildlife Management* 36:689-699.
24. Cannon, R. W., and F. L. Knopf. 1978. Distribution and status of the lesser prairie chicken in western Oklahoma. Oklahoma Cooperative Wildlife Research Unit Progress Report 31:48-52. Stillwater.
25. Cannon, R. W., and F. L. Knopf. 1979. Lesser prairie chicken responses to range fires at the booming ground. *Wildlife Society Bulletin* 71:44-46.
26. Cary, M. 1909. New records and important range extension of Colorado birds. *Auk* 26:180-185.
27. Chapman, F. M., and C. A. Reed. 1903. Color key to North American birds. 312 p. Doubleday, Page, and Co., New York, N.Y.
28. Coats, J. 1955. Raising lesser prairie chickens in captivity. *Kansas Fish and Game* 13:16-20. Pratt.
29. Colvin, W. 1914. The lesser prairie hen. *Outing* 63:608-614.
30. Colvin, W. 1927. In the realm of the prairie hen. *Outdoor Life* January:17-19.
31. Cooke, W. W. 1888. Report on bird migration in the Mississippi Valley in the years 1884 and 1885. U.S. Department of Agriculture, Division of Economic Ornithology Bulletin 2, 313 p. Washington, D.C.
32. Copelin, F. F. 1957a. Brood survival of lesser prairie chickens. 7 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
33. Copelin, F. F. 1957b. Distribution and comparative numbers of lesser prairie chickens in Oklahoma by major habitat types. 6 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
34. Copelin, F. F. 1958a. Booming ground survey. 10 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
35. Copelin, F. F. 1958b. Daily and seasonal habitat-use of lesser prairie chickens (*Tympanuchus cupido pallidicinctus*). 2 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
36. Copelin, F. F. 1958c. Daily and seasonal movements of lesser prairie chickens (*Tympanuchus cupido pallidicinctus*) in relation to food and cover. 9 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.

37. Copelin, F. F. 1958d. Evaluation of the lesser prairie chicken habitat management program (food plots). 12 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
38. Copelin, F. F. 1958e. Habitat-use and survival of young lesser prairie chickens. 14 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
39. Copelin, F. F. 1958f. Pinnated grouse habitat management. 14 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
40. Copelin, F. F. 1958g. Sex and age of trapped lesser prairie chickens (*Tympanuchus cupido pallidicinctus*). 2 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-02, Oklahoma City.
41. Copelin, F. F. 1958h. Welfare status of the lesser prairie chicken in Oklahoma. M. S. thesis, 45 p. Oklahoma State University, Stillwater.
42. Copelin, F. F. 1959a. Daily and seasonal habitat use study. 9 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
43. Copelin, F. F. 1959b. Daily and seasonal movements of lesser prairie chickens in relation to food and cover. 19 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
44. Copelin, F. F. 1959c. Distribution and comparative numbers of lesser prairie chickens in Oklahoma by major habitat types. 20 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
45. Copelin, F. F. 1959d. Evaluation of the lesser prairie chicken habitat management program (plots). 5 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
46. Copelin, F. F. 1959e. Habitat use and survival of young lesser prairie chickens. 19 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
47. Copelin, F. F. 1959f. Lesser prairie chicken spring census. 12 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
48. Copelin, F. F. 1959g. Notes regarding the history and current status of the lesser prairie chicken in Oklahoma. Proceedings of the Oklahoma Academy of Sciences 37:158-161.
49. Copelin, F. F. 1959h. Sex and age composition. 2 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-03, Oklahoma City.
50. Copelin, F. F. 1960a. Daily and seasonal movements in relation to food and cover. 8 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-04, Oklahoma City.
51. Copelin, F. F. 1960b. Display ground survey. 7 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-RD-04, Oklahoma City.
52. Copelin, F. F. 1960c. Evaluation of lesser prairie chicken food. 4 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-062-R-04, Oklahoma City.
53. Copelin, F. F. 1963. The lesser prairie chicken in Oklahoma. Oklahoma Wildlife Conservation Department Technical Bulletin 6, 58 p. Oklahoma City.
54. Coues, E. 1903. Key to North American birds. Volume 2, 1,152 p. Dana Estes and Co., Boston, Mass.
55. Crawford, J. A. 1973. The lesser prairie chicken in Texas. Bulletin of The Texas Ornithological Society 6:2-3.
56. Crawford, J. A. 1974. The effects of land use on lesser prairie chicken populations in west Texas. Ph.D. dissertation, 63 p. Texas Tech University, Lubbock.
57. Crawford, J. A. 1976. The effects of land use on lesser prairie chicken populations in west Texas. Journal of Range Management 29:59. (abstract)
58. Crawford, J. A. 1978. Morphology and behavior of greater x lesser prairie chicken hybrids. Southwestern Naturalist 23:591-596.
59. Crawford, J. A., and E. G. Bolen. 1972. Effects of land use on lesser prairie chicken populations in west Texas. p. 8-9. In Noxious brush and weed control research highlights, volume 3, 38 p. Henry A. Wright, editor. Texas Tech University, Lubbock.
60. Crawford, J. A., and E. G. Bolen. 1973a. Effects of land use on lesser prairie chicken populations. p. 30. In Noxious brush and weed control research highlights, volume 4, 39 p. Henry A. Wright and Ronald E. Sosebee, editors. Texas Tech University, Lubbock.
61. Crawford, J. A., and E. G. Bolen. 1973b. Spring use of stock ponds by lesser prairie chickens. Wilson Bulletin 85:471-472.
62. Crawford, J. A., and E. G. Bolen. 1974. The effects of land use on lesser prairie chicken populations in west Texas. p. 34. In Noxious brush and weed control research highlights, volume 5, 48 p. Henry A. Wright and Ronald E. Sosebee, editors. Texas Tech University, Lubbock.
63. Crawford, J. A., and E. G. Bolen. 1975. Spring lek activity of the lesser prairie chicken in west Texas. Auk 92:808-810.
64. Crawford, J. A., and E. G. Bolen. 1976a. Effects of land use on lesser prairie chickens in Texas. Journal of Wildlife Management 40:96-104.

65. Crawford, J. A., and E. G. Bolen. 1976b. Effects of lek disturbances on lesser prairie chickens. *Southwestern Naturalist* 21:238-240.
66. Crawford, J. A., and E. G. Bolen. 1976c. Fall diet of lesser prairie chickens in west Texas. *Condor* 78:142-144.

D

67. Davis, C. A., T. Z. Riley, R. A. Smith, H. R. Suminski, and M. D. Wisdom. 1979. Habitat evaluation of lesser prairie chickens in eastern Chaves County, New Mexico. 141 p. New Mexico State University Agricultural Experiment Station, Las Cruces.
68. Davison, V. E. 1940. An 8-year census of lesser prairie chickens. *Journal of Wildlife Management* 4:55-62.
69. DeArment, R. 1971. Surplus game availability. 19 p. Texas Parks and Wildlife Department, Federal Aid in Wildlife Restoration Project W-45-R-21, Austin.
70. Doerr, T. B., and F. S. Guthery. 1978. Effects of tebuthiuron on lesser prairie chicken habitat. p. 38. In *Noxious brush and weed control research highlights, volume 9*, 69 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.
71. Doerr, T. B., and F. S. Guthery. 1979. Effects of Graslan on lesser prairie chicken food supplies and habitat. p. 61. In *Noxious brush and weed control research highlights, volume 10*, 70 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.
72. Donaldson, D. D. 1966a. Brush control and the welfare of lesser prairie chickens in western Oklahoma. *Proceedings of the Oklahoma Academy of Science* 46:221-228.
73. Donaldson, D. D. 1966b. Identification of habitat components used by lesser prairie chickens. 4 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-090-R-01, Oklahoma City.
74. Donaldson, D. D. 1966c. Survey of display grounds. 3 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-090-R-01, Oklahoma City.
75. Donaldson, D. D. 1966d. Vegetation analysis. 11 p. Oklahoma Department of Wildlife Conservation, Federal Aid in Wildlife Restoration Project W-090-R-01, Oklahoma City.
76. Donaldson, D. D. 1969. Effect on lesser prairie chickens of brush control in western Oklahoma. Ph.D. dissertation, 80 p. Oklahoma State University, Stillwater.
77. Duck, L. G., and J. B. Fletcher. 1944. A survey of the game and furbearing animals of Oklahoma. 144 p. Oklahoma Game and Fish Commission State Bulletin 3, Oklahoma City.
78. Dwight, J., Jr. 1900. The molt of the North American Tetraonidae (quails, partridges, and grouse). *Auk* 17:143-166.

E

79. Edminster, F. C. 1954. American game birds of field and forest. 490 p. Castle Books, New York, N.Y.
80. Etheredge, O. F. 1943a. Lesser prairie chicken experimental management in the Texas Panhandle. 4 p. Texas Game, Fish, and Oyster Commission, Federal Aid in Wildlife Restoration Project 1-R (January-March), Austin.
81. Etheredge, O. F. 1943b. Lesser prairie chicken experimental management in the Texas Panhandle. 7 p. Texas Game, Fish, and Oyster Commission, Federal Aid in Wildlife Restoration Project 1-R (July-September), Austin.

F

82. Fisher, H. 1951. The avifauna of Niihau Island, Hawaiian Archipelago. *Condor* 53:31-42.
83. Frary, L. G. 1955a. Life history of lesser prairie chicken. 3 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-077-R-01, Santa Fe.
84. Frary, L. G. 1955b. Rodent-predator relationships as a factor on prairie chicken habitat and reproduction. 3 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-077-R-01, Santa Fe.
85. Frary, L. G. 1956. Life history of lesser prairie chicken. 7 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-077-R-02, Santa Fe.
86. Frary, L. G. 1957. Prairie chicken food habits investigation. 7 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-077-R-03, Santa Fe.
87. Frary, L. G. 1959. Lesser prairie chicken food habits investigation. 12 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-077-R-04, Santa Fe.

G

88. Gibson, C. H. 1973. Habitat management of the lesser prairie chicken on the Comanche National Grasslands. *Proceedings of the Prairie Grouse Technical Council* 10:11-13. (abstract)
89. Goodwin, H. A. 1974. Here today...gone tomorrow? *National Wildlife* 12:29-33.
90. Goss, N. S. 1892. History of the birds of Kansas. 692 p. G. W. Crane and Co., Topeka, Kans.
91. Grange, W. B. 1940. A comparison of the displays and vocal performance of the greater prairie chicken, lesser prairie chicken, sharp-tailed grouse, and sooty grouse. *Passenger Pigeon* 2:127-133.
92. Greenway, J. C. 1958. Extinct and vanishing birds of the world. American Commission for International Wildlife Protection Special Publication 13, 518 p. New York, N.Y.

H

93. Halloran, A. F. 1966. The changing world of the lesser prairie chicken. Bureau of Sport Fisheries and Wildlife Special Report, 11 p. Washington, D.C.
94. Hamerstrom, F. N., and F. Hamerstrom. 1961. Status and problems of North American grouse. *Wilson Bulletin* 73:284-294.
95. Hjorth, I. 1970. Reproductive behavior in Tetraonidae. *Viltrevy* 7:184-596.
96. Hoffman, D. M. 1959. Habitat requirements of lesser prairie chickens. 23 p. Colorado Division of Wildlife, Federal Aid in Wildlife Restoration Project W-037-R-13, Denver.
97. Hoffman, D. M. 1960a. Habitat requirements of lesser prairie chickens. 23 p. Colorado Division of Wildlife, Federal Aid in Wildlife Restoration Project W-037-R-13, Denver.
98. Hoffman, D. M. 1960b. Prairie chicken comeback. *Colorado Outdoors* 9:28-30.
99. Hoffman, D. M. 1961. Census of lesser prairie chickens. 7 p. Colorado Division of Wildlife, Federal Aid in Wildlife Restoration Project W-037-R-14, Denver.
100. Hoffman, D. M. 1962. Census of lesser prairie chickens. 6 p. Colorado Division of Wildlife, Federal Aid in Wildlife Restoration Project W-037-R-15, Denver.
101. Hoffman, D. M. 1963a. Census of lesser prairie chickens. 5 p. Colorado Division of Wildlife, Federal Aid in Wildlife Restoration Project W-037-R-16, Denver.
102. Hoffman, D. M. 1963b. The lesser prairie chicken in Colorado. *Journal of Wildlife Management* 27:726-732.
103. Hoffman, D. M. 1973. Changes in populations and habitats of lesser prairie chickens in Colorado, 1962 to 1973. *Proceedings of the Prairie Grouse Technical Council* 10:10-11. (abstract)
104. Holmes, E. B. 1963a. Variation in the muscles and nerves of the leg in two genera of grouse (*Tympanuchus* and *Pedioecetes*). Ph.D. dissertation, 213 p. University of Kansas, Lawrence.
105. Holmes, E. B. 1963b. Variation in the muscles and nerves of the leg in two genera of grouse (*Tympanuchus* and *Pedioecetes*). University of Kansas Publication Museum of Natural History 12:363-474.
106. Horak, G. J. 1969a. Population dynamics of prairie chickens in grassland and cropland areas. 12 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-07, Pratt.
107. Horak, G. J. 1969b. Seasonal and annual surveys of game populations. 58 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-07, Pratt.
108. Howard, H., and A. H. Miller. 1933. Bird remains from cave deposits in New Mexico. *Condor* 35:15-18.

109. Hubbard, J. P. 1973. Avian evolution in the arid-lands of North America. *Living Bird* 12:155-196.

I

110. Imler, R. H. 1936. An annotated list of the birds of Rooks County, Kansas, and vicinity. *Transactions of the Kansas Academy of Science* 39:295-312.

J

111. Jackson, A. S., and R. DeArment. 1963. The lesser prairie chicken in the Texas Panhandle. *Journal of Wildlife Management* 27:733-737.
112. Johnsgard, P. A. 1973. Grouse and quails of North America. 553 p. University of Nebraska Press, Lincoln.
113. Johnsgard, P. A. 1975. North American game birds of upland and shoreline. 183 p. University of Nebraska Press, Lincoln.
114. Jones, R. E. 1961. A comparative study of the habitats of the lesser and greater prairie chickens. *Oklahoma Cooperative Wildlife Research Unit Quarterly Report* 14:21-24.
115. Jones, R. E. 1963a. A comparative study of the habitats of the lesser and greater prairie chickens. Ph.D. dissertation, 160 p. Oklahoma State University, Stillwater.
116. Jones, R. E. 1963b. Identification and analysis of lesser and greater prairie chicken habitat. *Journal of Wildlife Management* 27:757-778.
117. Jones, R. E. 1964a. Habitat used by lesser prairie chickens for feeding related to seasonal behavior of plants in Beaver County, Oklahoma. *Southwestern Naturalist* 9:111-117.
118. Jones, R. E. 1964b. The specific distinctness of the greater and lesser prairie chickens. *Auk* 81:65-73.
119. Judd, S. D. 1905. The grouse and wild turkeys of the United States, and their economic value. U. S. Department of Agriculture, Biological Survey Bulletin 24, 55 p. Washington, D.C.

K

120. Kruse, A. D. 1973. Prairie chicken restoration projects. p. 40-46. In *Proceedings of the prairie chicken in Minnesota conference*. W. D. Svedarsky and T. Wolf, editors. 102 p. University of Minnesota, Crookston.

L

121. Lantz, W. 1898. A review of Kansas ornithology. *Transactions of the Kansas Academy of Science* 31:216-276.
122. Lawrence, G. N. 1877. A note on *Cupidonia cupido* var. *pallidicinctus*, Ridgway. *Bulletin of the Nuttall Ornithological Club* 2:52.
123. Lee, L. 1950. Kill analysis for the lesser prairie chicken in New Mexico, 1949. *Journal of Wildlife Management* 14:475-477.

124. Lee, L. 1953. Estimate state's prairie chicken population at twelve to fifteen thousand. *New Mexico Magazine* 31:34-35, 42.
125. Lehmann, V. W. 1941. Attwater's prairie chicken, its life history and management. *North American Fauna* 57:1-65.
126. Ligon, J. S. 1927. *Wildlife of New Mexico — Its conservation and management*. 212 p. New Mexico Department of Game and Fish, Santa Fe.
127. Ligon, J. S. 1946. Upland game bird restoration through trapping and transplanting. 77 p. New Mexico Department of Game and Fish, Santa Fe.
128. Ligon, J. S. 1951. Prairie chickens, highways, and power lines. *New Mexico Magazine* 29:29.
129. Ligon, J. S. 1953. The prairie chicken survey. *New Mexico Magazine* 31:29.
130. Ligon, J. S. 1954. The lesser prairie chicken and its propagation. *Modern Game Breeding and Hunting Club News* 24:10-11.
131. Lincoln, F. C. 1918. Notes on some species new to the Colorado list of birds. *Auk* 35:236-237.
132. Litton, G. W. 1971. Surplus game availability. 10 p. Texas Parks and Wildlife Department, Federal Aid in Wildlife Restoration Project W-94-R-6, Austin.
133. Litton, G. W. 1978. The lesser prairie chicken and its management in Texas. Texas Parks and Wildlife Department Booklet 7000-25, 23 p. Austin.
134. Lloyd, W. 1887. Birds of Tom Green and Concho Counties, Texas. *Auk* 4:181-193.
135. Long, W. S. 1935a. The birds of Kansas. M. A. thesis, 304 p. University of Kansas, Lawrence.
136. Long, W. S. 1935b. Observations on the November birds of western Kansas. *University of Kansas Sciences Bulletin* 36:225-248.
137. Long, W. S. 1940. Check-list of Kansas birds. *Transactions of the Kansas Academy of Science* 43:433-456.

M

138. Martin, A. C., H. S. Zim, and A. L. Nelson. 1951. *American wildlife and plants — A guide to wildlife food habits*. 500 p. McGraw-Hill Book Co., New York, N.Y.
139. Morse, V. B. 1974. Brush control. 4 p. Texas Parks and Wildlife Department, Federal Aid in Wildlife Restoration Project W-55-D-24, Austin.

N

140. Neff, J. A. 1923. Some birds of the Ozark region. *Wilson Bulletin* 35:202-215.
141. Nice, M. M., and L. B. Nice. 1924. The birds of Oklahoma. *University of Oklahoma Bulletin* 20, 122 p. Norman.
142. Norman, J. A. 1968. Trapping of lesser prairie chickens. 2 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-06, Pratt.

O

143. Oberholser, H. C. 1974. *The bird life of Texas*. Volume 1, 503 p. University of Texas Press, Austin.
144. Oklahoma Game and Fish Department. 1952. Prairie chicken numbers low in northwest. *Oklahoma Game and Fish News* 8:15.
145. Oklahoma Game and Fish Department. 1956. Lesser prairie chicken study continues; population at very low ebb. *Oklahoma Game and Fish News* 12:16.

P

146. Pence, D. B., and D. L. Sell. 1979. Helminths of the lesser prairie chicken, *Tympanuchus pallidicinctus* (sic) (Ridgway) (Tetraonidae), from the Texas Panhandle. *Proceedings of the Helminthological Society of Washington* 46:146-149.

Q

147. Queal, L. M. 1970. Seasonal and annual surveys of game populations. 63 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-08, Pratt.

R

148. Rapp, W. F., Jr., J.L.C. Rapp, H. E. Baumgarten, and R. A. Moser. 1958. Revised check-list of Nebraska birds. *Occasional Papers of the Nebraska Ornithologists' Union* 5, 35 p. Lincoln.
149. Reed, C. A. 1904. *North American bird eggs*. 372 p. Doubleday, Page, and Co., New York, N.Y.
150. Rice, F. P., and J. I. Dahl. 1965. *Game bird hunting*. 190 p. Outdoor Life-Harper and Row, New York, N.Y.
151. Ridgway, R. 1873. A new variety of prairie chicken. *Essex Institute Bulletin* 5:199.
152. Ridgway, R. 1885. Some emended names of North American birds. *Proceedings of the U.S. National Museum* 8:354-356.
153. Ridgway, R. 1900. *A manual of North American birds*. 653 p. J. B. Lippincott Co., Philadelphia, Pa.
154. Ridgway, R., and H. Friedmann. 1946. The birds of North and Middle America. Part X (Galliformes). *Bulletin of the U.S. National Museum* 50:1-484.
155. Riley, T. Z. 1978. Nesting and brood-rearing habitat of lesser prairie chickens. M. S. thesis, 59 p. New Mexico State University, Las Cruces.
156. Robertson, K. D. 1968. Surveys and management of prairie grouse. 22 p. Nebraska Game, Forestry, and Parks Commission, Federal Aid in Wildlife Restoration Project W-015-R-24, Lincoln.

157. Rogers, G. E. 1966. General information on food and cover requirements of grouse in Colorado. Colorado Game, Fish, and Parks Department, Outdoor Facts. 4 p. Denver.
158. Rothschild, Lord. 1927. On drawings and specimens of melanistic forms of various families of birds. *Bulletin of the British Ornithologists' Club* 47:130-141.
159. Rue, L. L., III. 1973. Game birds of North America. 490 p. Harper and Row, New York, N.Y.
160. Ryder, R. A. 1960. The grouse of Colorado. *Colorado Outdoors* 9:1-7.
173. Smith, J. L. 1964. Evaluation of prairie chicken habitat. 35 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-02, Pratt.
174. Snyder, W. A. 1967. Lesser prairie chicken. p. 121-128. In *New Mexico Wildlife Management*. 250 p. New Mexico Department of Game and Fish, Santa Fe.
175. Sprunt, A., IV, and H. S. Zim. 1961. Gamebirds. 160 p. Golden Press, New York, N.Y.
176. Suminski, H. R. 1977. Habitat evaluation for lesser prairie chickens in eastern Chaves County, New Mexico. M. S. thesis, 49 p. New Mexico State University, Las Cruces.
177. Summars, V. C. 1956. Lesser prairie chicken census. 2 p. Oklahoma Game and Fish Department, Federal Aid in Wildlife Restoration Project W-62-R-1, Oklahoma City.
178. Sutton, G. M. 1934. Notes of the birds of the western Panhandle of Oklahoma. *Annals of the Carnegie Museum* 24:11-50.
179. Sutton, G. M. 1964. On plumages of the young lesser prairie chicken. *Southwestern Naturalist* 9:1-5.
180. Sutton, G. M. 1967. Oklahoma birds. 674 p. University of Oklahoma Press, Norman.
181. Sutton, G. M. 1968. The natal plumage of the lesser prairie chicken. *Auk* 85:679.
182. Sutton, G. M. 1977. The lesser prairie chicken's inflatable neck sacs. *Wilson Bulletin* 89:521-522.

S

161. Sands, J. L. 1968. Status of the lesser prairie chicken. *Audubon Field Notes* 22:454-456.
162. Sands, J. L. 1978. Game bird studies. 5 p. New Mexico Department of Game and Fish, Federal Aid in Wildlife Restoration Project W-104-R-19, Santa Fe.
163. Schwilling, M. D. 1955. Study of the lesser prairie chicken in southwest Kansas. *Kansas Fish and Game* 12:10-12.
164. Sell, D. L. 1979. Spring and summer movements and habitat use by lesser prairie chicken females in Yoakum County, Texas. M. S. thesis, 42 p. Texas Tech University, Lubbock.
165. Sell, D. L., and K. L. Stromborg. 1976. Nest sites, movements, and habitat use of lesser prairie chickens. p. 47. In *Noxious brush and weed control research highlight, volume 7*, 56 p. Henry A. Wright and Ronald E. Sosebee, editors. Texas Tech University, Lubbock.
166. Sexson, K., and J. Horak. 1978. The upland birds. 15 p. Kansas Fish and Game, Pratt.
167. Sharpe, R. S. 1968. The evolutionary relationships and comparative behavior of prairie chickens. Ph.D. dissertation, 230 p. University of Nebraska, Lincoln.
168. Sharpe, R. S. 1969. A revision of the taxonomy of prairie grouse based on behavioral characters. *Proceedings of the Nebraska Academy of Science* 78:50. (abstract)
169. Sharpe, R. S. 1980. The lesser prairie chicken: Grouse of the dustbowl. p. S-8 In *Symposium: The biology of birds with restricted ranged*. 18 p. (Omaha, Nebr., April 5-8, 1979) Sixtieth annual meeting of the Wilson Ornithological Society. (abstract)
170. Short, L. L., Jr. 1967. A review of the genera of grouse (Aves, Tetraoninae). *American Museum Novitates* 2289:1-39.
171. Shufeldt, R. W. 1891. Tertiary fossils of North American birds. *Auk* 8:365-368.
172. Slaughter, B. H., W. W. Crook, R. K. Hains, D. C. Allen, and M. Seifert. 1962. The Hill-Shuler local faunas of the Upper Trinity River, Dallas and Denton Counties, Texas. *Investigations of the Texas Bureau of Economic Geology Report* 48, 75 p. Austin.

T

183. Talmon, T. L., and B. Hanzlick. 1980. The effects of land use change on lesser prairie chicken populations in southwest Kansas. *Transactions of the Kansas Academy of Science* 81:178. (abstract)
184. Taylor, M. A. 1978. Fall and winter movements and habitat use of lesser prairie chickens. M. S. thesis, 52 p. Texas Tech University, Lubbock.
185. Taylor, M. A. 1980. Lesser prairie chicken use of man-made leks. *Southwestern Naturalist* 24:706-707.
186. Taylor, M. A., and F. S. Guthery. 1978a. Fall and winter habitat use of lesser prairie chickens. p. 48. In *Noxious brush and weed control research highlights, volume 9*, 69 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.
187. Taylor, M. A., and F. S. Guthery. 1978b. Fall and winter movements and range of lesser prairie chickens. p. 48. In *Noxious brush and weed control research highlights, volume 9*, 69 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.
188. Taylor, M. A., and F. S. Guthery. 1978c. Origin and management of lesser prairie chicken leks. p. 47. In *Noxious brush and weed control research highlights, volume 9*, 69 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.

189. Taylor, M. A., and F.S. Guthery. 1979. Status, ecology, and management of lesser prairie chickens. p 60. In Noxious brush and weed control research highlights, volume 10, 70 p. Ronald E. Sosebee and Henry A. Wright, editors. Texas Tech University, Lubbock.
190. Taylor, M. A., and F. S. Guthery. 1980a. Dispersal of a lesser prairie chicken. *Southwestern Naturalist* 25:124-125.
191. Taylor, M. A., and F. S. Guthery. 1980b. Fall-winter movements, ranges, and habitat use of lesser prairie chickens. *Journal of Wildlife Management* 44:521-524.
192. Taylor, M. A., and F. S. Guthery. 1980c. Status, ecology, and management of the lesser prairie chicken. USDA Forest Service General Technical Report RM-77, 15 p. Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colorado.
193. Texas Game, Fish, and Oyster Commission. 1945. Principal game birds and mammals of Texas. 52 p. Texas Game, Fish, and Oyster Commission, Austin.
194. Tiemeier, O. W. 1941. Repaired bone injuries in birds. *Auk* 58:350-359.
195. Torres, J., S. Bissell, G. Craig, W. Graul, and D. Langlois. (n.d.) *Wildlife in danger*. 31 p. Colorado Division of Wildlife, Denver.

U

196. U. S. Fish and Wildlife Service. 1966. Rare and endangered fish and wildlife of the United States. U. S. Fish and Wildlife Service Research Publication 34, 166 p. Washington, D.C.
197. U. S. Fish and Wildlife Service. 1971. Lesser prairie chickens and brush control in Oklahoma. p. 29-30. In *Wildlife research problems programs progress 1969*. U. S. Fish and Wildlife Service Research Publication 94, 104 p. Washington, D.C.

198. U. S. Fish and Wildlife Service. 1973. Threatened wildlife of the United States. U. S. Fish and Wildlife Service Research Publication 114, 289 p. Washington, D.C.

W

199. Waddell, B. H. 1977. Lesser prairie chicken investigations — Current status evaluation. 19 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-42-R-4, Pratt.
200. Waddell, B. H., and B. Hanzlick. 1978. The vanishing sandsage prairie. *Kansas Fish and Game* 35:17-23.
201. Warren, E. R. 1906. A collecting trip to southeastern Colorado. *Condor* 8:18-24.
202. Wetmore, A. 1932. Additional records of birds from cavern deposits in New Mexico. *Condor* 34:141-142.
203. Wetmore, A. 1959. Notes on certain grouse of the Pleistocene. *Wilson Bulletin* 71:178-182.
204. White, C. E. 1963. Distribution of prairie chicken. 12 p. Kansas Forestry, Fish, and Game Commission, Federal Aid in Wildlife Restoration Project W-023-R-01, Pratt.
205. Widmann, O. 1907. A preliminary catalog of the birds of Missouri. *Transactions of the Academy of Sciences of St. Louis* 17:296.
206. Wittenberger, J. F. 1978. The evolution of mating systems in grouse. *Condor* 80:126-137.
207. Wootters, J. 1973. New Mexico game bird safari. *Guns and Ammo* 17:58-62.

Literature Cited

- Taylor, M. A., and F. S. Guthery. 1980. Status, ecology, and management of the lesser prairie chicken. USDA Forest Service General Technical Report RM-77, 15 p. Rocky Mountain Forest and Range Experiment Station, Fort Collins, Colo.

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