



U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Wildlife Services

Historic document – Content may not reflect
current scientific research, policies or practices.

THE TECHNICAL LITERATURE ON THE AMERICAN WOODCOCK 1927-1978

By Thomas J. Dwyer
Richard A. Coon
Paul H. Geissler



UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Special Scientific Report—Wildlife No. 213

Washington, D.C. • 1979

CONTENTS

	Page
Introduction	i
Subject Headings	iii
Bibliography	1
Subject Index	42

THE TECHNICAL LITERATURE ON THE
AMERICAN WOODCOCK 1927-1978

by

Thomas J. Dwyer, Richard A. Coon,
and Paul H. Geissler

U.S. Fish and Wildlife Service
Migratory Bird and Habitat Research Laboratory
Laurel, Maryland 20811

INTRODUCTION

In this bibliography we have attempted to assemble the major portion of the technical literature on the American woodcock (*Philohela minor*). Included are scientific references published between 1927 and 1978. We chose 1927 as the cutoff date for early literature because of the importance of Arthur Cleveland Bent's work in 1927, and because most articles before 1927 are descriptive and do not add appreciably to the scientific literature on the species. An excellent listing of the early literature may be found in the 1936 monograph by Olin Sewall Pettingill, Jr. (see citation number 326). No previously published bibliography devoted solely to woodcock is available. The only published bibliography we are aware of that includes the American woodcock is the following:

Reeves, H. H., compiler. 1975. A contribution to an annotated bibliography of North American cranes, rails, woodcock, snipe, doves, and pigeons. Natl. Tech. Inf. Serv., Springfield, Va., Rep. PB 240 999. 527 pp.

The primary purpose of this bibliography is to bring together the technical literature related to woodcock, as an aid to wildlife researchers and managers. Many important references on woodcock are not found in scientific journals, but occur in Pittman-Robertson Reports, Woodcock Workshop Proceedings, university theses, *Special Scientific Reports* of the U.S. Fish and Wildlife Service, and in the proceedings of regional wildlife conferences. We have examined each of these sources in addition to *Wildlife Review*, *Biological Abstracts*, *Zoological Record*, and the Fish and Wildlife Reference Service. The following types and sources of references are *not* included: (1) State ornithological journals; (2) unpublished and nontechnical reports, other than Pittman-Robertson; and (3) books and publications dealing with the avifauna of a geographic region.

References are listed alphabetically by author beginning on page 1. Following each reference is a number(s) that corresponds to one of the 22 subject headings listed on page iii.

A subject index is at the end of the bibliography. References of a similar subject content are listed by number under the appropriate heading. Articles not personally reviewed by the authors were indexed solely on the basis of their titles.

We would like to acknowledge the assistance of Dorothy Detwiler, who prepared the computer listing. The entire bibliography was printed by computer, and the original listing is stored on magnetic tape for periodic updating. Any corrections or omissions in the bibliography should be forwarded to the authors.

ALPHABETICAL LISTING OF
SUBJECT HEADINGS

1. Behavior, Movement, Activity
2. Capturing, Banding, Marking
3. Censusing, Singing Ground Studies
4. Distribution, Range, Sightings
5. Feeding, Food Habits
6. Habitat
7. Harvest
8. Life History Studies, Review Articles
9. Management
10. Migration
11. Mortality
12. Other
13. Parasites and Diseases
14. Pesticides
15. Plumage and Molt
16. Population Studies
17. Reproduction
18. Sex and Age
19. Status
20. Techniques
21. Telemetry
22. Weight

BIBLIOGRAPHY

1. Aitken, W. W. 1936. Woodcock and whistling swan in Iowa. *Wilson Bull.* 48(2):131. (12)
2. Aitken, W. W. 1938. Records of the woodcock in Iowa. *Wilson Bull.* 50(1):64. (4)
3. Aldous, C. M. 1937. Woodcock management studies in Maine. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 2:582-588. (8)
4. Aldous, C. M. 1938. Woodcock management studies in Maine, 1937. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 3:839-846. (8)
5. Aldous, C. M. 1939. Studies on woodcock management in Maine, 1938. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 4:437-441. (8)
6. Aldrich, J. W. 1952. Woodcock breeding ground studies in the central northern states in 1951. Pages 27-28 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1951.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., *Spec. Sci. Rep.-Wildl.* 14. 58 pp. (3, 12)
7. Aldrich, J. W. 1953. Woodcock singing ground counts in central northern states in 1952. Pages 25-27 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1952.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., *Spec. Sci. Rep.-Wildl.* 18. 55 pp. (3)
8. Aldrich, J. W. 1954. Summary of 1953 woodcock, snipe, and rail investigations. Pages 1-7 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1953.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., *Spec. Sci. Rep.-Wildl.* 24. 68 pp. (8, 9, 19)
9. Aldrich, J. W. 1954. Woodcock breeding ground counts in central-northern United States, 1953. Pages 31-34 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1953.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., *Spec. Sci. Rep.-Wildl.* 24. 68 pp. (3)
10. Aldrich, J. W. 1955. Summary of investigations of woodcock, snipe, and rails in 1954. Pages 1-5 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1954.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., *Spec. Sci. Rep.-Wildl.* 28. 62 pp. (8, 9, 19)

11. Aldrich, J. W. 1955. Woodcock investigations in the central-northern United States - 1954. Pages 23-28 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (3)
12. Aldrich, J. W. 1956. Summary of woodcock, snipe, and rail investigations for 1955. Pages 1-6 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (8, 9, 19)
13. Aldrich, J. W. 1956. Woodcock singing ground counts in the central-northern United States - 1955. Pages 29-33 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3)
14. Aldrich, J. W. 1957. Perspective of woodcock, snipe, and rail investigations - 1956. Pages 1-7 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (8, 9, 19)
15. Aldrich, J. W. 1957. Woodcock breeding ground counts in the central-northern United States - 1956. Pages 37-41 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (3)
16. Aldrich, J. W., compiler. 1952. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (2, 3, 9, 10, 11, 16)
17. Aldrich, J. W., compiler. 1953. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (3, 8, 9, 10, 16, 17)
18. Aldrich, J. W., compiler. 1954. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (2, 3, 8, 9, 16, 17, 19)
19. Aldrich, J. W., compiler. 1955. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (2, 3, 8, 9, 16)

20. Aldrich, J. W., compiler. 1956. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3, 6, 8, 9, 15, 16, 20)
21. Aldrich, J. W., compiler. 1957. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (1, 3, 8, 9, 16, 18, 19)
22. Alison, R. M. 1976. Late snowstorm causes woodcock mortality. Ont. Field Biol. 30(1):51-52 (11)
23. Allin, A. E. 1949. The American woodcock in Thunder Bay District. News Letter Thunder Bay Field Nat. Club. 3(3):2-3. (4)
24. American Ornithologists' Union. 1957. Check-list of North American birds. 5th ed. The Lord Baltimore Press, Inc., Baltimore, Md. 691 pp. (12)
25. Ammann, G. A. 1963. Methods of capturing woodcock hens and chicks on their breeding grounds. Mich. Dep. Conserv., Game Div. Rep. 2414. 5 pp. (2, 20)
26. Ammann, G. A. 1966. Woodcock banders' newsletter, No. 1. Mich. Dep. Conserv., Game Div. Inf. Circ. 143. 3 pp. (1, 2, 20)
27. Ammann, G. A. 1967. A summary of woodcock hen and chick banding in Michigan. Pages 26-27 in W. H. Goudy, compiler. Woodcock research and management 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (2, 20)
28. Ammann, G. A. 1967. Woodcock banders' newsletter, No. 2. Mich. Dep. Conserv., Game Div. Inf. Circ. 145. 5 pp. (1, 2, 18, 20)
29. Ammann, G. A. 1968. Woodcock banders' newsletter, No. 3. Mich. Dep. Conserv., Game Div. Inf. Circ. 150. 3 pp. (1, 2, 18, 20)
30. Ammann, G. A. 1969. Woodcock banders' newsletter, No. 4. Mich. Dep. Nat. Resour., Game Div. Inf. Circ. 156. 6 pp. (1, 2, 10)
31. Ammann, G. A. 1970. Suggestions for spring woodcock banding. Mich. Dep. Nat. Resour., Game Div. Inf. Circ. 160. 3 pp. (2, 20)
32. Ammann, G. A. 1970. Woodcock banders' newsletter, No. 5. Mich. Dep. Nat. Resour., Game Div. Inf. Circ. 159. 4 pp. (1, 2, 18, 20)

33. Ammann, G. A. 1972. Woodcock banders' newsletter, No. 6. Mich. Dep. Nat. Resour., Wildl. Div. Inf. Circ. 164. 4 pp. (1, 2, 12)
34. Ammann, G. A. 1973. Woodcock banders' newsletter, No. 7. Mich. Dep. Nat. Resour., Wildl. Div. Inf. Circ. 166. 4 pp. (1, 2, 10)
35. Ammann, G. A. 1974. Methods of capturing American woodcock broods. Pages 593-605 in S. Lundstrom, ed. Eleventh International Congress of Game Biologists. 631 pp. (2, 11, 17)
36. Ammann, G. A. 1974. Woodcock banders' newsletter, No. 8. Mich. Dep. Nat. Resour., Wildl. Div. Inf. Circ. 170. 4 pp. (1, 2, 12)
37. Ammann, G. A. 1977. Finding and banding woodcock broods using pointing dogs. Mich. Dep. Nat. Resour., Wildl. Div. Rep. 2780. 8 pp. (1, 2, 20)
38. Ammann, G. A. 1978. Woodcock banders' newsletter, No. 12. Mich. Dep. Conserv., Game Div. Inf. Circ. 184. 8 pp. (1, 2, 10, 20)
39. Anderson, R. C., and R. S. Freeman. 1969. Cardiofilaria inornata (Anderson 1956) from woodcock with a review of Cardiofilaria and related genera (Nematoda: Filarioidea). Trans. Am. Microsc. Soc. 88(1):68-79. (13)
40. Artmann, J. W. 1974. Status of the U.S. woodcock population-1974. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 17 pp., n.p. (3, 7, 9, 19)
41. Artmann, J. W. 1975. Cuterebra parasitism of an American woodcock. J. Parasitol. 61(1):65. (13)
42. Artmann, J. W. 1975. Woodcock status report, 1974. U.S. Fish Wildl. Serv., Spec. Sci. Rep.-Wildl. 189. 39 pp. (3, 7, 9, 18, 19)
43. Artmann, J. W. 1977. Woodcock status report, 1975. U.S. Fish Wildl. Serv., Spec. Sci. Rep.-Wildl. 201. 36 pp. (3, 7, 9, 18, 19)
44. Artmann, J. W. 1977. Woodcock status report, 1976. U.S. Fish Wildl. Serv., Spec. Sci. Rep.-Wildl. 209. 21 pp. (3, 7, 9, 18, 19)

45. Artmann, J. W., and L. D. Schroeder. 1976. A technique for sexing woodcock by wing measurement. *J. Wildl. Manage.* 40(3): 572-574. (18, 20)
46. Bachant, J. P. 1971. Farm game management and research investigations. Determination of the prevalence of certain toxic substances in Ohio's upland game - a pilot study. Ohio Div. Wildl. P-R Rep., Proj. W-103-R-14. 39 pp. (14)
47. Bailey, A. M. 1929. Bird casualties. *Wilson Bull.* 41(2):106-107. (11)
48. Baird, J. C., and J. V. Dobell. 1978. Status report on the American woodcock in Canada. *Proc. Woodcock Symp.* 6. In press. (3, 7, 18, 19)
49. Baker, R. H., and C. C. Newman. 1942. Speed of a woodcock. *Auk* 59(3):442. (12)
50. Barclay, J. S., and R. W. Smith. 1978. The status and distribution of woodcock in Oklahoma. *Proc. Woodcock Symp.* 6. In press. (4, 6, 19)
51. Barnes, I. R. 1958. The spring rites of the woodcock. *Atl. Nat.* 13(1):16-21. (1, 5, 6, 10, 12)
52. Bartlett, L. M. 1961. Dermestids killed when feeding on skeletons of birds killed by organic insecticides. *Wilson Bull.* 73(2): 207. (12, 14)
53. Baumgartner, F. M., and J. C. Howell. 1948. The numerical and seasonal status of the birds of Payne County, Oklahoma. *Proc. Okla. Acad. Sci.* 27:45-59. (4, 19)
54. Beightol, D. R. 1972. Sonographic analysis of the American woodcock's "peent" call as a research and management tool. M.S. Thesis. West Virginia Univ., Morgantown. 35 pp. (1, 3, 20)
55. Beightol, D. R., and D. E. Samuel. 1971. Identifying individual male woodcock through sonagrams: a preliminary report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 12 pp., n.p. (1, 3, 20)
56. Beightol, D. R., and D. E. Samuel. 1973. Sonographic analysis of the American woodcock's peent call. *J. Wildl. Manage.* 37(4):470-475. (1, 3, 20)

57. Bent, A. C. 1927. Life histories of North American shore birds - Part 1. U.S. Natl. Mus. Bull. 142:61-78. (8)
58. Beyer, R. H., Jr. 1972. Hematological characteristics of the American woodcock. M.S. Thesis. State Univ. of New York, Syracuse. 51 pp. (12, 13)
59. Beyer, R. H., Jr., and W. B. Stone. 1971. Hematological characteristics of the American woodcock. New York Div. Fish Game. P-R Rep., Proj. W-035-R-25. 40 pp. (12, 13)
60. Blankenship, L. H. 1954. Investigations on woodcock in Michigan. Pages 41-49 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (8)
61. Blankenship, L. H. 1957. Investigations of the American woodcock in Michigan. Ph.D. Thesis. Michigan State Univ., E. Lansing. 217 pp. (Also published in: Mich. Dep. Conserv., Game Div. Rep. 2123. 217 pp.) (8)
62. Borden, R. 1950. Early woodcock nesting failure. Wilson Bull. 62(1):40-41. (17)
63. Bourgeois, A. 1976. Analysis of American woodcock nest and brood habitat in northern lower Michigan. M.S. Thesis. Michigan State Univ., E. Lansing. 33 pp. (6, 17)
64. Bourgeois, A. 1978. Quantitative analysis of American woodcock nest and brood habitat. Proc. Woodcock Symp. 6. In press. (6, 20)
65. Bourgeois, J. C., and R. Couture. 1978. A method for identifying American woodcock males based on peent call sonographic analysis. Proc. Woodcock Symp. 6. In press. (1, 3, 16)
66. Boyd, H. 1974. Plan for the management of woodcock and woodcock hunting in Canada, 1975-80. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 28 pp., n.p. (7, 9, 19)
67. Breitenbach, E. L. 1932. Woodcocks and wood ducks in Washington County, Iowa. Wilson Bull. 44(3):181-182. (4)
68. Britt, T. L. 1971. Studies of woodcock on the Louisiana wintering ground. M.S. Thesis. Louisiana State Univ., Baton Rouge. 105 pp. (8)

69. Brodkorb, P. 1956. Pleistocene birds from Eichelberger Cave, Florida. *Auk* 73(1):136-137. (4, 12)
70. Brooks, M. 1935. Does the female woodcock ever sky dance? *Auk* 52(3):307-308. (1, 17)
71. Brooks, M. 1937. [Correspondence on adult woodcock carrying their young]. *Wilson Bull.* 49(1):52-53. (1)
72. Brooks, M. G. 1930. Notes on the American woodcock in central West Virginia. *Auk* 47(2):248-249. (12)
73. Brown, C. P. 1953. Spring census of woodcock abundance. New York Div. Fish Game. P-R Rep., Proj. W-81-R and W-81-R-1, Job IV-A. 4 pp. (3)
74. Brown, C. P. 1953. Woodcock banding. New York Div. Fish Game. P-R Rep., Proj. W-81-R-1, Job IV-D. 1 p. (2, 20)
75. Brown, C. P. 1953. Woodcock management research. New York Div. Fish Game. P-R Rep., Proj. W-053-R-04. 34 pp. (8)
76. Brown, C. P. 1954. Study of fall migration of woodcock in relation to current open seasons. New York Div. Fish Game. P-R Rep., Proj. W-81-R, Job IV-D. 7 pp. (7, 9, 10)
77. Brown, C. P., and G. T. Chase. 1954. Notes on woodcock chicks reared in captivity. *Bird-Banding* 25(4):149-150. (1, 5, 12, 20)
78. Caldwell, P. D., and J. S. Lindzey. 1974. The behavior of adult female woodcock in central Pennsylvania. *In* Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 13 pp., n.p. (1, 2, 6, 21)
79. Causey, K., J. Roboski, and G. Horton. 1974. Nesting activities of the American woodcock (*Philohela minor* Gmelin) in Alabama. *In* Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 12 pp., n.p. (6, 17)
80. Chambers, R. E. 1971. The accelerated woodcock banding program in New York, 1969-1971; progress report. *In* Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 18 pp., n.p. (2, 7, 18)
81. Clark, D. R., and M. A. R. McLane. 1974. Chlorinated hydrocarbon and mercury residues in woodcock in the United States, 1970-71. *Pestic. Monit. J.* 8(1):15-22. (14)

82. Clark, E. R. 1966. Woodcock capture techniques and population studies at Moosehorn National Wildlife Refuge. Proc. Northeast Sect. Wildl. Soc., Fish Wildl. Conf., Boston, Mass. 8 pp., n.p. (2, 16, 18, 20)
83. Clark, E. R. 1967. Woodcock summer banding operations at the Moosehorn National Wildlife Refuge, Maine. Pages 28-30 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (2, 20)
84. Clark, E. R. 1969. A summary of recent woodcock singing-ground and wing-collection surveys. Pages 2-18 in W. H. Goudy, compiler. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp. (3, 7, 9, 17, 18, 19)
85. Clark, E. R. 1969. Woodcock research and management--past, present, but primarily future. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 11 pp., n.p. (9, 19)
86. Clark, E. R. 1970. Woodcock status report, 1969. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 133. 35 pp. (3, 7, 9, 18, 19)
87. Clark, E. R. 1971. Woodcock as a recreational resource. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 12 pp., n.p. (7, 9, 19)
88. Clark, E. R. 1971. Woodcock status report, 1970. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 140. 38 pp. (3, 7, 9, 18, 19)
89. Clark, E. R. 1972. Woodcock status report, 1971. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 153. 47 pp. (3, 7, 9, 18, 19)
90. Clark, E. R. 1973. Woodcock status report, 1972. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 169. 50 pp. (3, 7, 9, 18, 19)
91. Clark, E. R. 1974. Woodcock status report, 1973. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 178. 43 pp. (3, 7, 9, 18, 19)
92. Clarke, C. H. D. 1978. Woodcock - A key to upland wildlife conservation. Proc. Woodcock Symp. 6. In press. (6, 8, 9)

93. Clauson, A. 1974. Nesting and brood rearing ecology and behavior of the American woodcock in central New York. M.S. Thesis. State Univ. of New York, Syracuse. 91 pp. (1, 2, 6, 17, 20, 21)
94. Clay, M. B. 1933. Diurnal activity of the woodcock. *Wilson Bull.* 45(3):106-110. (1)
95. Cobb, S. 1959. On the angle of the cerebral axis in the American woodcock. *Auk* 76(1):55-59. (12)
96. Cochran, W. W., and R. R. Graber. 1958. Attraction of nocturnal migrants by lights on a television tower. *Wilson Bull.* 70(4):378-380. (10, 11)
97. Cooch, F. G. 1969. The status of woodcock research and management in Canada. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 12 pp., n.p. (9, 19)
98. Coon, R. A. 1977. Nesting habitat, fall migration and harvest characteristics of the American woodcock in Pennsylvania. Ph.D. Thesis. Pennsylvania State Univ., State College. 172 pp. (2, 6, 7, 10, 20, 21)
99. Coon, R. A., P. D. Caldwell, and G. L. Storm. 1974. Onset of fall migration of radio-marked woodcock with notes on a portion of the migratory flight of one bird. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 9 pp., n.p. (10, 21)
100. Coon, R. A., P. D. Caldwell, and G. L. Storm. 1976. Some characteristics of fall migration of female woodcock. *J. Wildl. Manage.* 40(1):91-95. (10, 20, 21)
101. Coon, R. A., T. J. Dwyer, and J. W. Artmann. 1978. Identification of potential harvest units in the United States for the American woodcock. *Proc. Woodcock Symp.* 6. In press. (7, 9, 10)
102. Coon, R. A., J. S. Lindzey, and J. L. George. 1978. Characteristics of woodcock hunters and woodcock harvest in Pennsylvania. *Proc. Northeast Fish Wildl. Conf.*, White Sulphur Springs, West Virginia, February 26-March 1, 1978. In press. (7)
103. Cottam, C. 1934. Adaptability in the feeding habits of the woodcock *Wilson Bull.* 46(3):200. (1, 5)

104. Cottam, C., and L. Kelso. 1933. An incubating woodcock. *Auk* 50(2):170-173. (1, 17)
105. Couture, R., and J. C. Bourgeois. 1974. Woodcock studies at Trois-Rivieres, Quebec. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 8 pp., n.p. (1, 6)
106. Couture, R., and J. C. Bourgeois. 1978. American woodcock density variations during the breeding season in central Quebec. *Proc. Woodcock Symp. 6*. In press. (1, 3, 16)
107. Crankshaw, W. B., J. A. Smith, and R. D. Kirkpatrick. 1968. Woodcock singing ground descriptions of two Indiana sites. *Proc. Indiana Acad. Sci.* 78:241-244. (3)
108. Criscitiello, M. G. 1962. Woodcock flight. *Atl. Nat.* 17(3): 213. (1, 3)
109. Crissey, W. F., compiler. 1949. Waterfowl populations and breeding conditions-summer 1949 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), *Spec. Sci. Rep.-Wildl.* 2. 242 pp. (3, 19)
110. Cushwa, C. T., J. E. Barnard, and R. B. Barnes. 1978. Trends in woodcock habitat in the United States. *Proc. Woodcock Symp. 6*. In press. (6, 9, 20)
111. Dangler, E. W. 1947. The ecology of the American woodcock on the Cloquet Forest with some management suggestions. M.S. Thesis. Univ. Minnesota, Minneapolis. 104 pp. (8, 9)
112. Dangler, E. W., and W. H. Marshall. 1949. Cloquet, Minnesota woodcock populations. *Proc. Midwest Wildl. Conf.*, Madison, Wisc., December 17, 1949. (3)
113. Dangler, E. W., and W. H. Marshall. 1950. Woodcock studies at Cloquet Forest Experiment Station, Minnesota. *Flicker* 22(1):1-7. (8)
114. Daniels, W. B. 1971. Differentiating individual male woodcock by voice prints. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 2 pp., n.p. (1, 3, 20)
115. Davey, S. P. 1963. Effects of chemicals on earthworms: a review of the literature. U.S. Bur. Sport Fish. Wildl., *Spec. Sci. Rep.-Wildl.* 74. 20 pp. (14)

116. Davis, F. W. 1970. Territorial conflict in the American woodcock. *Wilson Bull.* 82(3):327-328. (1, 17)
117. Davis, J. R. 1971. Statewide wildlife investigations. Winter woodcock abundance in Tombigbee River watershed (Alabama). Alabama Div. Fish Game. P-R Rep., Proj. W-035-R-18. 4 pp. (3, 19)
118. Davis, J. R. 1974. A progress report on a new trapping technique for woodcock and common snipe. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 6 pp., n.p. (2, 20)
119. Davis, M. 1935. Feeding of the American woodcock (Philohela minor) *Auk* 52(4):446-447. (1, 5)
120. Davis, W. B. 1961. Woodcock nesting in Brazos County, Texas. *Auk* 78(2):272-273. (4, 17)
121. Dear, L. S. 1938. American woodcock in Thunder Bay District, Ontario. *Auk* 55(4):671. (4)
122. DeWitt, J. B., C. M. Menzie, V. A. Adomaitis, and W. L. Reichel. 1960. Pesticidal residues in animal tissues. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 25:277-285. (14)
123. Dexter, R. W. 1949. Aquatic snails eaten by woodcock. *Auk* 66(1):88. (5)
124. Dickerson, L. M. 1939. The problem of wildlife destruction by automobile traffic. *J. Wildl. Manage.* 3(2):104-116. (11)
125. Dilworth, T. G., J. A. Keith, P. A. Pearce, and L. M. Reynolds. 1972. DDE and eggshell thickness in New Brunswick woodcock. *J. Wildl. Manage.* 36(4):1186-1193. (14)
126. Dilworth, T. G., P. A. Pearce, and J. V. Dobell. 1974. DDT in New Brunswick woodcocks. *J. Wildl. Manage.* 38(2):331-337. (14)
127. Dobell, J. V. 1971. Woodcock status in Canada. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 18 pp., n.p. (2, 3, 9, 19)
128. Dobell, J. V. 1974. Current status of woodcock management in Canada. In Fifth American Woodcock Workshop Proceeding, Univ. Georgia, Athens, December 3-5, 1974. 20 pp., n.p. (9, 19)

129. Dobell, J. V. 1978. Determination of woodcock habitat changes from aerial photography in New Brunswick. Proc. Woodcock Symp. 6. In press. (6, 19, 20)
130. Dubois, G., and R. L. Rausch. 1950. A contribution to the study of North American strigeids (Trematoda). Am. Midl. Nat. 43(1):1-31. (13)
131. Duke, G. E. 1964. Study of the reliability of censuses of singing male woodcock. M.S. Thesis. Michigan State Univ., E. Lansing. 49 pp. (3)
132. Duke, G. E. 1966. Reliability of censuses of singing male woodcocks. J. Wildl. Manage. 30(4):697-707. (3)
133. Dunford, R. D. 1971. The summer behavior of American woodcock in central Maine. M.S. Thesis. Univ. Maine, Orono. 98 pp. (1, 21)
134. Dunford, R. D., and R. B. Owen, Jr. 1973. Summer behavior of immature radio-equipped woodcock in central Maine. J. Wildl. Manage. 37(4):462-469. (1, 21)
135. Duvall, A. J. 1956. The juvenal plumage of the American woodcock. Pages 43-46 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (15)
136. Dyer, J. M. 1976. An evaluation of diurnal habitat requirements for the American woodcock (Philohela minor Gmelin) in southern Louisiana. Ph.D. Thesis. Louisiana State Univ., Baton Rouge. 228 pp. (1, 5, 6, 9, 20)
137. Dyer, J. M., and R. B. Hamilton. 1974. An analysis of feeding habits of the American woodcock (Philohela minor) in southern Louisiana. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 11 pp., n.p. (1, 5, 6)
138. Dyer, J. M., and R. B. Hamilton. 1978. Analyses of several site components of diurnal woodcock habitat in southern Louisiana. Proc. Woodcock Symp. 6. In press. (6, 9)
139. Edwards, H. M. 1934. An American woodcock recovery of interest. Bird-Banding 5(2):91. (10)
140. Edwards, W. R., and J. A. Ellis. 1969. Responses of three avian species to burning. Wilson Bull. 81(3):338-339. (1, 6)

141. Ellis, J. A., and W. L. Anderson. 1975. Observations of woodcock (Philohela minor) on two areas in southern Illinois. Trans. Ill. Acad. Sci. 68(3):308-312. (3, 13, 22)
142. English, P. F. 1948. 1948 spring woodcock census work in Pennsylvania. Page 186 in C. S. Williams, compiler. Waterfowl populations and breeding conditions, with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (3)
143. English, P. F. 1949. Spring woodcock census in Pennsylvania-1949. Page 232 in W. F. Crissey, compiler. Waterfowl populations and breeding conditions--summer 1949 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep.-Wildl. 2. 242 pp. (3)
144. English, P. F. 1950. Woodcock census studies in Delaware, Maryland, North Carolina, New Jersey, Pennsylvania and West Virginia-1950. Pages 255-256 in C. S. Williams, compiler. Waterfowl populations and breeding conditions--summer 1950 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 8. 256 pp. (3)
145. English, P. F. 1952. Woodcock census studies in Delaware, Maryland, North Carolina, New Jersey, Pennsylvania, West Virginia and Ohio, 1951. Pages 23-26 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails, in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (3)
146. English, P. F. 1953. Woodcock singing ground counts in Delaware, Maryland, North Carolina, New Jersey, Pennsylvania, West Virginia and Ohio, 1952. Pages 21-24 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (3)
147. English, P. F. 1954. Woodcock singing ground counts in central-Eastern United States, 1953. Pages 27-30 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (3)
148. English, P. F. 1955. Woodcock singing ground counts in central-Eastern United States, 1954. Pages 19-21 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (3)

149. English, P. F. 1956. Woodcock singing ground counts for the middle Eastern states, 1955. Pages 25-27 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3)
150. Ensminger, A. B. 1954. Earthworm populations on wintering areas of the American woodcock in the vicinity of Baton Rouge, Louisiana. M.S. Thesis. Louisiana State Univ., Baton Rouge. 97 pp. (5, 6, 12)
151. Erskine, A. J. 1971. The woodcock in the clay belt. Ont. Field Biol. 25:10-12. (12)
152. Fenwood, J. M. 1976. An inventory of woodcock habitat in southern West Virginia. M.S. Thesis. West Virginia Univ., Morgantown. 109 pp. (4, 6, 19, 20)
153. Ferrigno, F., and L. Widjeskog. 1975. Woodcock study. New Jersey Div. Fish, Game and Shell Fish. P-R Rep., Proj. W-53-R-1, 2, 3, Job IV-E. 8 pp. (7, 9, 19)
154. Ficken, R. W., P. E. Matthiae, and R. Horwich. 1971. Eye marks in vertebrates: aids to vision. Science 173(4000):936-939. (12)
155. Frenzel, L. D., and W. H. Marshall. 1954. Observations on the effect of the May 1954 storm on birds in northern Minnesota. Flicker 26(4):126-130. (1, 3)
156. Galvin, J. I., Jr. 1971. The summer crepuscular behavior of the American woodcock, Philohela minor (Gmelin) on central Connecticut fields. M.S. Thesis. Univ. Hartford, Hartford, Conn. 41 pp. (1, 3, 6)
157. Garvin, L. E. 1953. Statewide wildlife survey. Inventory of wildlife resources in proposed impoundment sites-woodcock singing ground census. New Hampshire Fish Game Dep. P-R Rep., Proj. W-98-R-2. 8 pp. (3)
158. Geis, A. D. 1967. Relation between male courtship activities and nesting of American woodcock. Pages 13-14 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (1, 17)
159. Gish, C. D. 1970. Organochlorine insecticide residues in soils and soil invertebrates from agricultural lands. Pestic. Monit. J. 3(4):241-252. (14)

160. Glasgow, L. L. 1953. The American woodcock (Philohela minor) in Louisiana. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 7:31-48. (8)
161. Glasgow, L. L. 1956. A method of measuring wintering woodcock populations on nocturnal feeding sites in Louisiana. Pages 7-10 in J. W. Aldrich, compiler. Investigation of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (2, 3, 16, 20)
162. Glasgow, L. L. 1957. A woodcock sexing tool. J. Wildl. Manage. 21(1):104. (18, 20)
163. Glasgow, L. L. 1957. Preliminary analysis of woodcock band returns. Pages 51-55 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (2, 10, 16, 18)
164. Glasgow, L. L. 1957. The wintering woodcock population on nocturnal feeding sites in Louisiana in 1955-56. Pages 9-10 in J. W. compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (1, 3, 16)
165. Glasgow, L. L. 1958. Contributions to the knowledge of the ecology of the American woodcock, Philohela minor (Gmelin), on the wintering range in Louisiana. Ph.D. Thesis. Texas A. & M. Coll., College Station. 158 pp. (8)
166. Godfrey, G. A. 1970. A transmitter harness for small birds. Int. Bird-Banding News 42(1):3-5. (20, 21)
167. Godfrey, G. A. 1974. Behavior and ecology of American woodcock on the breeding range in Minnesota. Ph.D. Thesis. Univ. Minnesota, Minneapolis. 333 pp. (1, 2, 8, 20, 21)
168. Godfrey, G. A. 1975. A needed revision in the concept of surveying American woodcock populations. Biologist 57(3): 89-103. (1, 3, 9, 20)
169. Goodrum, P., and V. H. Reid. 1952. Wintering woodcock populations in west-central Louisiana 1950-51. Pages 10-14 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (3, 10, 16, 22)

170. Gore, J. F. 1974. Tennessee woodcock investigations. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 13 pp., n.p. (4, 6, 7, 9, 10, 19)
171. Gore, J. F. 1975. Tennessee woodcock investigations. J. Tenn. Acad. Sci. 50(1):16-19. (4, 6, 7, 9, 10, 19)
172. Goslin, R. 1945. Bird remains from an Indian village site in Ohio. Wilson Bull. 57(2):131. (4, 12)
173. Goudy, W. H. 1960. Factors affecting woodcock spring population indexes in southern Michigan. M.S. Thesis. Michigan State Univ., E. Lansing. 44 pp. (Also published in: Mich. Dep. Conserv., Game Div. Rep. 2281. 44 pp.) (3, 16)
174. Goudy, W. H. 1967. The 1966 status of American woodcock and recent population trends. Pages 3-12 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (16, 19)
175. Goudy, W. H. 1967. Trends in the continental woodcock harvest. Pages 15-19 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (7, 9)
176. Goudy, W. H. 1967. Woodcock briefs from here'n there. Pages 36-38 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (12)
177. Goudy, W. H. 1969. American woodcock population dynamics studies. Woodcock banding studies in the Canaan Valley. Effects of hunting on woodcock populations in Canaan Valley. West Virginia Div. Game Fish. P-R Rep., Proj. W-037-R-11, W-037-R-12. 22 pp. (2, 7, 9, 16)
178. Goudy, W. H., compiler. 1967. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (16, 19)
179. Goudy, W. H., compiler. 1969. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp. (1, 3, 7, 9, 13, 16, 18, 19)
180. Goudy, W. H., W. K. Igo, and D. R. Beightol. 1978. Impact on an urban-industrial environment on woodcock in West Virginia. Proc. Woodcock Symp. 6. In press. (6, 16)

181. Goudy, W. H., R. C. Kletzly, and J. C. Rieffenberger. 1969. Characteristics associated with "resident" woodcock populations in the Canaan Valley of West Virginia. Trans. Northeast Fish Wildl. Conf., The Wildl. Soc. 26:123-139. (Also published in: Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 20 pp., n.p.) (2, 7, 9, 16)
182. Goudy, W. H., R. C. Kletzly, and J. C. Rieffenberger. 1970. Characteristics of a heavily hunted woodcock population in West Virginia. Trans. N. Am. Wildl. Nat. Resour. Conf. 35:183-194. (2, 7, 9, 11, 16, 18, 20)
183. Goudy, W. H., and F. W. Martin. 1966. Woodcock Status Report, 1965. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 92. 43 pp. (3, 7, 9, 18, 19)
184. Gould, V. E. 1931. Unusual behavior of woodcock in autumn. Can. Field-Nat. 45(4):91-92. (1)
185. Greeley, F. 1953. Sex and age studies in fall-shot woodcock (Philohela minor) from southern Wisconsin. J. Wildl. Manage. 17(1):29-32. (7, 18)
186. Gregg, L. E. 1971. Accelerated woodcock research in Wisconsin. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 5 pp., n.p. (2, 3, 20)
187. Gregg, L. E. 1972. Techniques for banding woodcock in summer habitats in Michigan. M.S. Thesis. Michigan State Univ., E. Lansing. 37 pp. (1, 2, 20)
188. Gregg, L. E. 1974. Woodcock nesting habitat in northern Wisconsin. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 6 pp., n.p. (6)
189. Gregg, L. E., and J. B. Hale. 1977. Woodcock nesting habitat in northern Wisconsin. Auk 94(3):489-493. (6)
190. Gruener, C. J. 1968. Informal notes on second woodcock symposium at Louisiana State University, Baton Rouge, January 24-26, 1968. In Third American Woodcock Workshop, Univ. of Maine, Orono, June 30-July 2, 1969. 6 pp., n.p. (9, 12, 19)
191. Grzybowski, J. A., and S. W. Eaton. 1976. Prey items of goshawks in southwestern New York. Wilson Bull. 88(4):669-670. (11)
192. Hale, J. B. 1974. Woodcock use of clearcut aspen areas [Wisconsin]. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 7 pp., n.p. (1, 2, 5, 6, 9)

193. Hale, J. B., and L. E. Gregg. 1976. Woodcock use of clearcut aspen areas in Wisconsin. *Wildl. Soc. Bull.* 4(3):111-115. (1, 2, 5, 6, 9)
194. Handley, D. E. 1962. Woodcock singing grounds survey, 1960. Ohio Div. Wildl. P-R Rep., Proj. W-105-R. 2 pp. (3)
195. Harris, B. K. 1965. More specimen records of birds unusual to New Mexico. *Auk* 82(4):648-650. (4)
196. Harris, R. D. 1955. Woodcock singing ground counts in Canada - 1954. Pages 11-12 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (3)
197. Hartman, F. A. 1946. Adrenal and thyroid weights in birds. *Auk* 63:42-64. (22)
198. Herman, C. M., J. Hynson, and S. D. Schemnitz. 1972. Malaria in woodcock and ruffed grouse in Maine. *J. Wildl. Dis.* 8(4):318. (13)
199. Hewitt, O. H. 1948. Woodcock census studies in eastern Canada-1948. Pages 178-179 in C. S. Williams, compiler. Waterfowl populations and breeding conditions, with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (3)
200. Horton, G. I. 1976. Telemetric studies of wintering woodcock (Philohela minor) in east central Alabama. M.S. Thesis. Auburn Univ., Auburn, Ala. 103 pp. (1, 2, 6, 21)
201. Horton, G. I., and M. K. Causey. 1974. Telemetric studies of woodcock in east central Alabama. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 22 pp., n.p. (1, 2, 4, 6, 21)
202. Jehl, J. R., Jr. 1968. Relationships in the Charadrii (shorebirds): A taxonomic study based on colour patterns of the downy young. *San Diego Soc. Nat. Hist. Mem.* 3. 54 pp. (12, 19)
203. Jehl, J. R., Jr. 1968. The egg tooth of some charadriiform birds. *Wilson Bull.* 80(3):328-330. (12)
204. Jenkins, W. J. 1951. American woodcock (Philohela minor) nesting in South Carolina. *Auk* 68(3):375. (4, 17)

205. Judd, E. T. 1937. The woodcock in North Dakota. *Wilson Bull.* 49(2):119-120. (4)
206. Kidd, J. B., and H. T. Harper. 1974. Introduction of the American woodcock in California. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1975. 9 pp., n.p. (4, 12)
207. Kletzly, R. C. 1976. American woodcock in West Virginia. *W. Va. Dep. Nat. Resour. Bull.* 8. 46 pp. (8)
208. Kletzly, R. C., and W. H. Goudy. 1969. Population status of woodcock in West Virginia as determined from randomly distributed singing-ground routes. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 5 pp., n.p. (3, 9, 16, 19)
209. Kletzly, R. C., and J. C. Rieffenberger. 1967. Woodcock banding studies in West Virginia's Canaan Valley. Pages 31-32 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (2, 20)
210. Kletzly, R. C., and J. C. Rieffenberger. 1969. Local movement of "resident" woodcock in the Canaan Valley of West Virginia. Pages 22-23 in W. H. Goudy, compiler. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl. Spec. Sci. Rep.-Wildl. 123. 32 pp. (Also published in: Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 11 pp., n.p.) (1, 2, 16)
211. Klonglan, E. D., H. L. Gladfelter, R. G. Sheets, and G. Hlavaka. 1976. Current status of the woodcock in Iowa. *Proc. Iowa Acad. Sci.* 82(3-4):191-193. (4, 7, 19)
212. Kozicky, E. L. 1948. 1948 spring woodcock census work in New Jersey. Page 185 in C. S. Williams, compiler. Waterfowl populations and breeding conditions, with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (3)
213. Kozicky, E. L., T. A. Bancroft, and P. G. Homeyer. 1954. An analysis of woodcock singing ground counts, 1948-1952. *J. Wildl. Manage.* 18(2):259-266. (3, 16)
214. Kreitzer, J. F. 1973. Thickness of the American woodcock eggshell, 1971. *Bull. Environ. Contam. Toxicol.* 9(5):281-286. (14, 17)

215. Krohn, W. B. 1969. Feeding habits of woodcock using summer fields in central Maine. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 15 pp., n.p. (1, 5)
216. Krohn, W. B. 1969. Patterns of woodcock activities on summer concentration fields in central Maine. M.S. Thesis. Univ. Maine, Orono. 103 pp. (1, 5)
217. Krohn, W. B. 1970. Woodcock feeding habits as related to summer field usage in central Maine. J. Wildl. Manage. 34(4):769-775. (1, 5)
218. Krohn, W. B. 1971. Locating woodcock banding fields from the air--a preliminary report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 7 pp., n.p. (2, 20)
219. Krohn, W. B. 1971. Some patterns of woodcock activities on Maine summer fields. Wilson Bull. 83(4):396-407 (1, 18)
220. Krohn, W. B., and E. R. Clark. 1977. Band-recovery distribution of eastern Maine woodcock. Wildl. Soc. Bull. 5(3):118-122. (1, 2, 4, 7, 9, 10)
221. Krohn, W. B., and J. R. Hynson. 1975. A search for blood protozoans in the American woodcock. J. Wildl. Dis. 11:107-108. (13)
222. Krohn, W. B., F. W. Martin, and K. P. Burnham. 1974. Band-recovery distribution and survival estimates of Maine woodcock. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 8 pp., n.p. (2, 4, 7, 10, 11, 16)
223. Krohn, W. B., J. C. Rieffenberger, and F. Ferrigno. 1977. Fall migration of woodcock at Cape May, New Jersey. J. Wildl. Manage. 41(1):104-111. (1, 2, 10)
224. Kroll, J. C., and R. M. Whiting. 1978. Discriminant function analysis of woodcock winter habitat in east Texas. Proc. Woodcock Symp. 6. In press. (6, 9, 20)
225. Lambert, R. A., and J. S. Barclay. 1975. Woodcock singing grounds and diurnal habitat in north central Oklahoma. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 29:617-630. (1, 3, 4, 6)
226. Latham, R. M. 1956. Midwinter courtship flights of woodcock in Delaware. J. Wildl. Manage. 20(2):209. (1, 17)

227. Legler, E., Jr. 1967. Tennessee's woodcock investigations-1966. Pages 24-25 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (7, 17, 18)
228. Leopold, A., and A. E. Eynon. 1961. Avian daybreak and evening song in relation to time and light intensity. Condor 63(4): 269-293. (1)
229. Lincoln, F. C. 1951. A set of twelve eggs of the woodcock, Philohela minor. Auk 68(3):376 (17)
230. Linsdale, J. M. 1936. Opinions aroused by Pettingill's monograph on the American woodcock. Condor 38(6):250-251. (12)
231. Liscinsky, S. A. 1953. Woodcock management study. Fall woodcock census - 1953. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R-01:29-33. (2, 6, 7)
232. Liscinsky, S. A. 1953. Woodcock management study. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R-01:35-38. (6)
233. Liscinsky, S. A. 1953. Woodcock management study. Summer woodcock census - 1953. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R-01:39-40. (2)
234. Liscinsky, S. A. 1957. A study of the effects of habitat quality and hunting on Pennsylvania woodcock. Proc. Northeast Sect. Wildl. Soc., Am. Fish. Soc., and Fish, Game Conserv. Comm., New Haven, Conn., January 6-8, 1957. 9 pp. (6, 7)
235. Liscinsky, S. A. 1957. Woodcock management study. Woodcock life history studies. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R-05:46-59. (1, 5)
236. Liscinsky, S. A. 1959. Woodcock management study. Woodcock habitat investigations. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R-06:75-87. (6)
237. Liscinsky, S. A. 1962. The Pennsylvania woodcock management study. Final Report. Pennsylvania Game Comm. P-R Rep., Proj. W-50-R. 157 pp. (8)
238. Liscinsky, S. A. 1967. Resume of 1965's woodcock hunting survey in Pennsylvania. Pages 22-23 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 101. 40 pp. (7, 9)

239. Liscinsky, S. A. 1972. The Pennsylvania woodcock management study. Pennsylvania Game Comm. Res. Bull. 171. 95 pp. (8)
240. Liscinsky, S. A., and W. J. Bailey, Jr. 1955. A modified shorebird trap for capturing woodcock and grouse. J. Wildl. Manage. 19(3):405-408. (2, 20)
241. Locke, L. N., W. H. Stickel, and S. A. Geis. 1965. Some diseases and parasites of captive woodcocks. J. Wildl. Manage. 29(1):156-161. (13)
242. Longley, W. H. 1957. Wildlife research restoration and management planning. Upland game division. Woodcock singing grounds in the Whitewater Game Refuge. Minnesota Div. Game Fish. P-R Rep., Proj. W-011-R-18:215-221. (3)
243. Longwell, J. R. 1951. A study of the American woodcock on a selected area in central Pennsylvania. M.S. Thesis. Pennsylvania State College, University Park. 72 pp. (1, 6)
244. Lynch, J. 1952. Woodcock in south Louisiana during the freeze of January-February, 1951. Pages 3-9 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (6, 10, 11)
245. MacDonald, D., and E. Martin. 1971. Trends in harvest of migratory game birds other than waterfowl 1964-65 to 1968-69. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 142. 29 pp. (7, 9, 16, 18, 19)
246. Mackay, G. H. 1929. Woodcock wintering in Massachusetts. Auk 46(2):232. (12)
247. Malcomson, R. O. 1960. Mallophaga from birds of North America. Wilson Bull. 72(2):182-197. (13)
248. Marshall, W. H. 1948. 1948 woodcock populations of the Cloquet Forest Experiment Station. Page 185 in C. S. Williams, compiler. Waterfowl populations and breeding conditions with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (16)
249. Marshall, W. H. 1949. Spring woodcock census in Minnesota-1949. Page 232 in W. F. Crissey, compiler. Waterfowl populations and breeding conditions--summer 1949 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep.-Wildl. 2. 242 pp. (3)

250. Marshall, W. H. 1950. Notes on the spring woodcock census in Minnesota-1950. Page 254 in C. S. Williams, compiler. Waterfowl populations and breeding conditions--summer 1950 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 8. 256 pp. (3)
251. Marshall, W. H. 1958. Woodcock singing grounds at the Cloquet Experimental Forest, 1947-1956. Trans N. Am. Wildl. Nat. Resour. Conf. 23:296-305. (3, 6)
252. Marshall, W. H. 1970. Woodcock sex and age ratios and weights in Minnesota. Loon 42(1):31-33. (18, 22)
253. Marshall, W. H., G. H. Godfrey, and W. P. Wenstrom. 1971. Minnesota telemetry studies. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 8 pp., n.p. (1, 2, 20, 21)
254. Martin, F. W. 1964. A preliminary report on results of woodcock-wing collections, 1959-62. Proc. Northeast Sec. Wildl. Soc. Annu. Conf. 10 pp., n.p. (18, 19)
255. Martin, F. W. 1964. Woodcock age and sex determination from wings. J. Wildl. Manage. 28(2):287-293. (18, 20)
256. Martin, F. W., compiler. 1961. Woodcock status report--1961. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 58. 29 pp. (3, 9, 16, 19)
257. Martin, F. W., compiler. 1962. Woodcock status report, 1962. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 69. 36 pp. (3, 7, 9, 18, 19)
258. Martin, F. W., compiler. 1963. Woodcock status report--1963. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 76. 43 pp. (3, 7, 9, 18, 19)
259. Martin, F. W., compiler. 1964. Woodcock status report, 1964. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 88. 43 pp. (3, 7, 9, 18, 19)
260. Martin, F. W., and T. L. Britt. 1971. Woodcock studies in Louisiana - a progress report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 21 pp., n.p. (2, 7, 11, 16, 18)
261. Martin, F. W., A. D. Geis, and W. H. Stickel. 1965. Results of woodcock wing collections, 1959-1962. J. Wildl. Manage. 29(1):121-131. (7, 18, 19)

262. Martin, F. W., S. O. Williams, III, J. D. Newsom, and L. L. Glasgow. 1969. Analysis of records of Louisiana-banded woodcock. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 23:85-96. (7, 11, 16, 18)
263. Martinson, R. K. 1963. Woodcock harvest, 1961. Ohio Div. Wildl. P-R Rep., Proj. W-105-R:47-49. (7)
264. Martinson, R. K. 1963. Woodcock singing grounds survey, 1961. Ohio Div. Wildl. P-R Rep., Proj. W-105-R:45-46. (3)
265. Matthews, P. J. 1972. Forest game research. Evaluation of controlled burning as a management tool in West Virginia. West Virginia Div. Game Fish. P-R Rep., Proj. W-039-R. 12 pp. (3, 6, 9)
266. Maxfield, H. K. 1961. A vegetational analysis of fifty woodcock singing grounds in central Massachusetts. M.S. Thesis. Univ. Massachusetts, Amherst. 31 pp. (3, 6)
267. McGhee, R. B., and S. R. Pursglove, Jr. 1977. Gregarine infection of the American woodcock Philohela minor. J. Parasitol. 63(1):159-160. (13)
268. McIlhenny, E. A. 1940. Effect of excessive cold on birds in southern Louisiana. Auk 57(3):408-410. (10, 11)
269. McIlhenny, E. A. 1942. Results of 1940 bird banding at Avery Island, Louisiana with special account of a new banding method. Bird-Banding 13(1):19-28. (2, 20)
270. McIntosh, A. 1940. Pseudapatemon aladousi, new species (Trematoda: Strigeidae) from the American woodcock, Philohela minor. Proc. Helminthol. Soc. Wash. 7(1):14-16. (13)
271. McLane, M. A. R., L. F. Stickel, E. R. Clark, and D. L. Hughes. 1973. Organochlorine residues in woodcock wings, 11 states - 1970-71. Pestic. Monit. J. 7(2):100-103. (14)
272. McLane, M. A. R., L. F. Stickel, and J. D. Newsom. 1971. Organochlorine pesticide residues in woodcock, soils, and earthworms in Louisiana, 1965. Pestic. Monit. J. 5(3):248-250. (14)
273. McNeil, R., and J. Burton. 1972. Cranial pneumatization patterns and bursa of Fabricius in North American shorebirds. Wilson Bull. 84(3):329-339. (12, 18)
274. Mendall, H. L. 1938. A technique for banding woodcock. Bird-Banding 9(3):153-155. (2, 20)

275. Mendall, H. L. 1948. Woodcock census studies in northeastern states-1948. Pages 180-184 in C. S. Williams, compiler. Waterfowl populations and breeding conditions, with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (3)
276. Mendall, H. L. 1949. Woodcock census studies in the northeast-1949. Pages 233-237 in W. F. Crissey, compiler. Waterfowl populations and breeding conditions--summer 1949 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep.-Wildl. 2. 242 pp. (3)
277. Mendall, H. L. 1950. Woodcock census studies in northeastern United States-1950. Pages 241-246 in C. S. Williams, compiler. Waterfowl populations and breeding conditions--summer 1950 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 8. 256 pp. (3)
278. Mendall, H. L. 1952. Woodcock census studies in northeastern United States, 1951. Pages 19-22 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (3)
279. Mendall, H. L. 1953. Woodcock census studies in northeastern United States - 1952. Pages 17-20 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (3)
280. Mendall, H. L. 1954. Woodcock census studies in northeastern United States, 1953. Pages 21-26 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (3)
281. Mendall, H. L. 1955. Woodcock census studies in northeastern United States - 1954. Pages 13-18 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (3)
282. Mendall, H. L. 1956. Woodcock census studies in northeastern United States - 1955. Pages 17-23 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3)

283. Mendall, H. L. 1957. Woodcock census studies in northeastern United States-1956. Pages 19-30 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (3)
284. Mendall, H. L. 1969. Summary of Third American Woodcock Workshop. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 9 pp., n.p. (9, 12, 19)
285. Mendall, H. L., and C. M. Aldous. 1943. The ecology and management of the American woodcock. Maine Cooperative Wildlife Research Unit, Univ. Maine, Orono. 201 pp. (8)
286. Messersmith, D. H. 1963. Birds in a red pine plantation. Wilson Bull. 75(3):235-243. (6)
287. Miller, D. R. 1957. Soil types and earthworm abundance in woodcock habitat in central Pennsylvania. M.S. Thesis. Pennsylvania State Univ., University Park. 69 pp. (5, 6)
288. Modafferi, R. D. 1967. A population behavior study of male American woodcock on central Massachusetts singing grounds. M.S. Thesis. Univ. Massachusetts, Amherst. 57 pp. (1, 3, 16, 17)
289. Morgenweck, R. O. 1974. Studies of woodcock crepuscular behavior using a night vision sight. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 12 pp., n.p. (1, 20)
290. Morgenweck, R. O. 1978. Diurnal high use areas of hatching-year female American woodcock. Proc. Woodcock Symp. 6. In press. (1, 6)
291. Morgenweck, R. O., and W. H. Marshall. 1977. Wing marker for American woodcock. Bird-Banding 48(3):224-227. (2, 20)
292. Mousley, H. 1927. The love song and flight of the woodcock Philohela minor. Can. Field-Nat. 41(8):183-184. (1, 17)
293. Mousley, H. 1929. Notes on the birds, orchids, ferns and butterflies of the Province of Quebec, 1928. Can. Field-Nat. 43(5):93-99. (1, 17)
294. Mousley, H. 1934. The earliest (1805) unpublished drawings of the flexibility of the upper mandible of the woodcock's bill. Auk 51(3):297-301. (12)

295. Mousley, H. 1935. A historical review of the habits and anatomy of the woodcock. Compiled from the earliest drawings and accounts to those of the present day. *Can. Field-Nat.* 49(1):2-28. (8, 12)
296. Musselman, T. E. 1945. Bald eagles and woodcocks in central-western Illinois. *Auk* 62(3):458-459. (5, 10, 12)
297. Nelson, A. L., and A. C. Martin. 1953. Gamebird weights. *J. Wildl. Manage.* 17(1):36-42. (22)
298. Nero, R. W. 1977. The American woodcock in Manitoba. *Blue Jay* 35(4):240-256. (8)
299. Newsom, J. D. 1957. Breeding woodcock distribution. Louisiana Wildl. Fish. Comm. P-R Rep., Proj. W-029-R-01. 8 pp. (4, 17)
300. Nicholson, C. P. 1977. The utilization of commercial timber production areas by woodcock in Maine. M.S. Thesis. Univ. Maine, Orono. 49 pp. (3, 5, 6, 21)
301. Nicholson, C. P., S. Homer, R. B. Owen, Jr., and T. G. Dilworth. 1978. Woodcock utilization of commercial timberlands in the northeast. *Proc. Woodcock Symp.* 6. In press. (6, 9)
302. Norris, R. T., J. D. Beule, and A. T. Studholme. 1940. Banding woodcocks on Pennsylvania singing grounds. *J. Wildl. Manage.* 4(1):8-14. (1, 2, 17, 20)
303. Odom, R. R., and G. A. Ammann. 1969. Woodcock investigations on Drummond Island, Michigan. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 8 pp., n.p. (2, 7, 16, 18)
304. Olmstead, R. O. 1951. A spring record of the woodcock, Philohela minor, in Kansas. *Auk* 68(3):375. (4)
305. Owen, R. B., Jr. 1974. A ten year management plan for the American woodcock. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 22 pp., n.p. (9, 19)
306. Owen, R. B., Jr., chairman. 1976. American woodcock (Philohela minor=Scolopax minor of Edwards 1974). Pages 149-186 in G. C. Sanderson, ed. Management of migratory shore and upland game birds in North America. Int. Assoc. Fish Wildl. Agencies, Washington, D.C. 358 pp. (8)

307. Owen, R. B., Jr., and W. B. Krohn. 1973. Molt patterns and weight changes of the American woodcock. *Wilson Bull.* 85(1):31-41. (15, 22)
308. Owen, R. B., Jr., and J. W. Morgan. 1975. Influence of night-lighting and banding on woodcock movements. *Wildl. Soc. Bull.* 3(2):77-79. (1, 2, 20, 21)
309. Owen, R. B., Jr., and J. W. Morgan. 1975. Summer behavior of adult radio-equipped woodcock in central Maine. *J. Wildl. Manage.* 39(1):179-182. (1, 2, 6, 20, 21)
310. Owen, R. B., Jr., S. D. Schemnitz, R. D. Dunford, and J. M. Ramakka. 1971. Studies of radio-equipped woodcock in Maine. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 15 pp., n.p. (1, 6, 11, 20, 21)
311. Pangburn, M. C. 1945. The woodcock at San Antonio, Texas. *Auk* 62(1):142. (4)
312. Paterson, R. L., Jr. 1974. Factors affecting the distribution of American woodcock in central Michigan. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 13 pp., n.p. (3, 4, 6)
313. Payne, F. J. 1961. Effects of beaver flooding of alder woodcock habitat on the Moosehorn National Wildlife Refuge. M.S. Thesis. Univ. Maine, Orono. 74 pp. (6)
314. Pearce, P. A. 1971. Side effects of forest spraying in New Brunswick. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 36:163-169. (14)
315. Pearce, P. A. 1971. Woodcock pesticide problems in Canada. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 14 pp., n.p. (14)
316. Pearce, P. A., and J. C. Baird. 1971. DDT closes New Brunswick woodcock season. *Can. Field-Nat.* 85(1):82. (14)
317. Pearson, T. G. 1946. The woodcock. *Can. Nat.* 8(2):66-67. (1, 5, 6)
318. Peppard, J. W. 1967. Trends in woodcock harvests and hunter interest in Maine. In W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Fish Wildl. Serv., Spec. Sci. Rep.-Wildl. 101. 40 pp. (7, 9)
319. Peppard, J. W. 1967. Woodcock banding. Maine Dep. Fish Game. P-R Rep., Proj. W-37-R-16, Job C-11. (2)

320. Peppard, J. W. 1971. Current woodcock studies in Maine. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 6 pp., n.p. (2, 19, 20)
321. Peters, H. S. 1936. A list of external parasites from birds of the eastern part of the United States. *Bird-Banding* 7(1):9-27. (13)
322. Petrides, G. A. 1950. Notes on determination of sex and age in the woodcock and mourning dove. *Auk* 67(3):357-360. (18, 20)
323. Petrides, G. A. 1971. Summarization of the Fourth North American Woodcock Workshop. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 3 pp., n.p. (9, 12, 19)
324. Pettingill, O. S. 1931. A proposed woodcock study. *Trans. Am. Game Conf.* 18:241-242. (17)
325. Pettingill, O. S., Jr. 1932. Progress report of the woodcock study. *Trans. Am. Game Conf.* 19:468-471. (8, 17)
326. Pettingill, O. S., Jr. 1936. The American woodcock *Philohela minor* (Gmelin). *Mem. Boston Soc. Nat. Hist.* 9(2):169-391. (8)
327. Pettingill, O. S., Jr. 1939. Additional information on the food of the American woodcock. *Wilson Bull.* 51(2):78-82. (5)
328. Pettingill, O. S., Jr. 1978. Reflections on early woodcock research. *Proc. Woodcock Symp.* 6. In press. (12)
329. Phillips, J. C. 1932. Northern New England woodcock. *Auk* 49(4):466-467. (7)
330. Pitelka, F. A. 1943. Territoriality, display, and certain ecological relations of the American woodcock. *Wilson Bull.* 55(2):88-114. (1, 17)
331. Poole, E. L. 1938. Weights and wing areas in North American birds. *Auk* 55(3):511-517. (12, 22)
332. Prestwood, A. K., G. L. Doster, and F. A. Hayes. 1969. Studies of American woodcock parasite fauna. Pages 24-26 in W. H. Goudy, compiler. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp. (13)

333. Pullen, S. B. 1973. A biotelemetric study and observations of wintering American woodcock, Philohela minor (Gmelin) in east central Alabama. M.S. Thesis. Auburn Univ., Auburn, Ala. 55 pp. (1, 2, 5, 6, 9, 19, 20, 21)
334. Pursglove, S. R., Jr. 1969. A survey of the internal parasite fauna of American woodcock in the Canaan Valley of West Virginia. M.S. Thesis. West Virginia Univ., Morgantown. 97 pp. (13)
335. Pursglove, S. R., Jr. 1971. Potentialities of the woodcock as a game bird resource in the southeastern United States. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 14 pp., n.p. (3, 6, 7, 9, 19)
336. Pursglove, S. R., Jr. 1973. Some parasites and diseases of American woodcock, Philohela minor (Gmelin). Ph.D. Thesis. Univ. Georgia, Athens. 285 pp. (13)
337. Pursglove, S. R., Jr. 1974. Observations on wintering woodcock in northeast Georgia. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 17 pp., n.p. (Also published in: Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 29:630-639) (4, 6, 7, 9, 10, 19)
338. Pursglove, S. R., Jr., and G. L. Doster. 1970. Potentialities of the woodcock as a game bird resource in the southeastern United States. Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm. 24:223-230. (3, 6, 7, 9, 19)
339. Pursglove, S. R., Jr., and J. E. Hall. 1970. Longicolli canaanensis sp. n. (Trematoda: Echinostomatidae) from the intestine of the American woodcock. J. Parasitol. 56(3): 490-492. (13)
340. Rabe, D. 1977. Habitat utilization by the American woodcock in northern Michigan. M.S. Thesis. Michigan State Univ., E. Lansing. 47 pp. (3, 6, 20)
341. Rabe, D. 1978. Structural analysis of woodcock diurnal habitat in northern Michigan. Proc. Woodcock Symp. 6. In press. (6, 9, 20)
342. Ramakka, J. M. 1971. Breeding season behavior of radio-equipped male woodcock. M.S. Thesis. Univ. Maine, Orono. 59 pp. (1, 3, 17, 20, 21)

343. Ramakka, J. M. 1972. Effects of radio-tagging on breeding behavior of male woodcock. *J. Wildl. Manage.* 36(4):1309-1312. (1, 3, 17, 20, 21)
344. Rand, A. L. 1950. An abnormally colored woodcock. *Can. Field-Nat.* 64(4):153. (15)
345. Rankin, J. S., Jr. 1946. Helminth parasites of birds and mammals in western Massachusetts. *Am. Midl. Nat.* 35(3):756-768. (13)
346. Rearden, J. D. 1950. Woodcock utilization of improved covers in eastern Maine. M.S. Thesis. Univ. Maine, Orono. 83 pp. (5, 9)
347. Redmond, R. A. 1978. Trends in forest management in eastern Canada. *Proc. Woodcock Symp.* 6. In press. (6, 9, 12)
348. Reeves, H. M. 1969. Woodcock research - plans and progress. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 17 pp., n.p. (9, 19)
349. Reeves, H. M. 1969. Woodcock studies in the accelerated program for migratory upland game bird research and management. Pages 19-21 in W. H. Goudy, compiler. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp. (9, 19)
350. Reeves, H. M. 1971. Shooting woodcock or crimping shells. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 12 pp., n.p. (9, 19)
351. Reeves, H. M. 1978. Summary of Sixth Woodcock Symposium. *Proc. Woodcock Symp.* 6. In press. (12)
352. Reeves, H. M., compiler. 1975. A contribution to an annotated bibliography of North American cranes, rails, woodcock, snipe, doves, and pigeons. *Natl. Tech. Inf. Serv., Springfield, Va., Rep. PB240999.* 527 pp. (12)
353. Reid, V. H., and P. Goodrum. 1953. Wintering woodcock populations in west-central Louisiana, 1951-1952. Pages 4-10 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (3, 10, 16, 22)

354. Reid, V. H., and P. Goodrum. 1954. Observations of woodcock breeding in certain southeastern states. Pages 17-18 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (17)
355. Reid, V. H., and P. Goodrum. 1954. Wintering woodcock populations in west-central Louisiana, 1952-53. Pages 9-15 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (3, 16, 22)
356. Reid, V. H., and P. Goodrum. 1955. Wintering woodcock populations in west-central Louisiana, 1953-54. Pages 7-14 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (3, 10, 16)
357. Reid, V. H., and P. Goodrum. 1956. Wintering woodcock populations in west-central Louisiana, 1954-55. Pages 11-14 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3, 10, 16)
358. Reid, V. H., and P. Goodrum. 1957. Wintering woodcock observations in west-central Louisiana, 1955-56. Pages 11-15 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (3, 10, 16)
359. Reynolds, J. W. 1978. Earthworms utilized by the American woodcock. Proc. Woodcock Symp. 6. In press. (5, 6)
360. Reynolds, J. W., W. B. Krohn, and G. A. Jordan. 1978. Earthworm populations as related to woodcock habitat usage in central Maine. Proc. Woodcock Symp. 6. In press. (5, 6, 9)
361. Richter, W. C. 1948. Singing ground analysis and cover preference of the American woodcock (Philohela minor) in central Pennsylvania. M.S. Thesis. Pennsylvania State Coll., University Park. 96 pp. (3, 6)
362. Richter, W. C., and S. A. Liscinsky. 1955. Technique for identification of woodcocks at night. J. Wildl. Manage. 19(4):501. (2, 20)

363. Rieffenberger, J. C. 1969. A nightlighting technique for capturing woodcock and snipe. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 8 pp., n.p. (2, 20)
364. Rieffenberger, J. C., and F. Ferrigno. 1969. Woodcock banding on the Cape May Peninsula, New Jersey. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 13 pp., n.p. (2, 10, 20)
365. Rieffenberger, J. C., and F. Ferrigno. 1970. Woodcock banding on the Cape May Peninsula, New Jersey. *Bird-Banding* 41(1):1-10. (2, 6, 18, 20)
366. Rieffenberger, J. C., and R. C. Kletzly. 1967. Woodcock night-lighting techniques and equipment. Pages 33-35 in W. H. Goudy, compiler. Woodcock research and management, 1966. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl., 101. 40 pp. (2, 20)
367. Robbins, C. S., compiler. 1960. Woodcock status report--1960. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 50. 26 pp. (3, 9, 17, 19)
368. Rosene, W., Jr. 1949. Woodcock at sea. *Wilson Bull.* 61(4):235-236. (10, 12)
369. Rosene, W., Jr., P. Stewart, and V. A. Adomaitis. 1962. Residues of heptachlor epoxide in wild animals. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 15:107-113. (14)
370. Ruckel, J. M. 1969. Woodcock identification (a problem associated with interpreting results of mail questionnaire surveys). In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 3 pp., n.p. (Also published in: W. H. Goudy, compiler. 1969. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp.) (7, 9, 20)
371. Russel, D. 1959. Woodcock and Wilson's snipe studies in Kentucky. *Kentucky Dep. Fish Wildl. Resour. P-R Rep., Proj. W-31-R.* 22 pp. (8)
372. Rutter, R. J. 1936. Woodcock feeding in daylight. *Can. Field-Nat.* 50(4):68. (1, 5)
373. Samuel, D. E., and D. R. Beightol. 1972. Monitoring woodcock singing grounds through sonagrams. *Proc. Annu. Conf. Southeast. Assoc. Game Fish Comm.* 26:301-305. (1, 3, 20)

374. Samuel, D. E., and D. R. Beightol. 1973. The vocal repertoire of male American woodcock. *Auk* 90(4):906-909. (1, 3, 20)
375. Sandfort, W. W. 1971. Accelerated research on shore and upland migratory birds - a progress report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 14 pp., n.p. (9, 19)
376. Sanford, T. S. 1971. Moosehorn banding program. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 10 pp., n.p. (2, 18, 20)
377. Schemnitz, S. D. 1969. Homing behavior of displaced male woodcock in Maine. Pages 28-30 in W. H. Goudy, compiler. Woodcock research and management programs, 1967 and 1968. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 123. 32 pp. (1, 10)
378. Schemnitz, S. D., and R. B. Owen, Jr. 1969. Pilot radio telemetry studies of woodcock in Maine. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 15 pp., n.p. (1, 6, 20, 21)
379. Schorger, A. W. 1929. Woodcock carrying young. *Auk* 46(2):232. (1)
380. Sepik, G. F., R. B. Owen, Jr., and M. W. Coulter. 1978. Experimental woodcock management at the Moosehorn National Wildlife Refuge. *Proc. Woodcock Symp.* 6. In press. (6, 9)
381. Sharp, W. M. 1957. Woodcock singing ground counts for the middle Atlantic States for 1956. Pages 31-35 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (3)
382. Sheldon, W. G. 1952. Studies on breeding woodcock in Massachusetts. Pages 30-44 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (1, 2, 3, 6, 10, 16, 17)
383. Sheldon, W. G. 1953. Report on woodcock investigations in Massachusetts - spring 1952. Pages 28-29 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (1, 2, 3, 17)
384. Sheldon, W. G. 1953. Woodcock studies in Massachusetts. *Trans. N. Am. Wildl. Nat. Resour. Conf.* 18:369-377. (8)

385. Sheldon, W. G. 1954. Summary of Massachusetts woodcock studies, 1953. Pages 35-39 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (2, 8, 16, 17)
386. Sheldon, W. G. 1955. Massachusetts woodcock studies - 1954. Pages 29-33 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1954. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 28. 62 pp. (1, 2, 3, 15, 16, 18)
387. Sheldon, W. G. 1955. Methods of trapping woodcock on their breeding grounds. J. Wildl. Manage. 19(1):109-115. (2, 20)
388. Sheldon, W. G. 1956. Annual survival of Massachusetts male woodcocks. J. Wildl. Manage. 20(4):420-427. (1, 2, 7, 11, 16, 18)
389. Sheldon, W. G. 1956. Massachusetts woodcock studies - 1955. Pages 35-40 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (1, 2, 5, 13, 15, 16, 18, 22)
390. Sheldon, W. G. 1957. Massachusetts woodcock studies. Pages 43-50 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (1, 2, 5, 9, 15, 18, 20)
391. Sheldon, W. G. 1957. Preliminary results and techniques of Massachusetts summer woodcock studies. Proc. Northeast Sec. Wildl. Soc., Am. Fish. Soc., and Fish Game Conserv. Comm., New Haven, Conn., Jan. 6-8, 1957. 11 pp. (1, 2, 16, 18, 20)
392. Sheldon, W. G. 1960. A method of mist netting woodcocks in summer. Bird-Banding 31(3):130-135. (2, 20)
393. Sheldon, W. G. 1961. Summer crepuscular flights of American woodcocks in central Massachusetts. Wilson Bull. 73(2):126-139. (1)
394. Sheldon, W. G. 1967. The book of the American woodcock. Univ. Massachusetts Press, Amherst. 227 pp. (8)
395. Sheldon, W. G. 1969. Woodcock habitat management. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 7 pp., n.p. (6, 9)

396. Sheldon, W. G., F. Greeley, and J. Kupa. 1958. Aging fall-shot American woodcocks by primary wear. *J. Wildl. Manage.* 22(3):310-312. (7, 18, 20)
397. Simon, K. R., R. A. Coon, and J. S. Lindzey. 1971. Current status of woodcock research in Pennsylvania. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 11 pp., n.p. (2, 3)
398. Slade, G. N. 1969. Woodcock banding. *Intl. Bird-Banding News* 41(3):86-89. (2, 20)
399. Smith, R. W. 1977. Occurrence of the American woodcock in Oklahoma. M.S. Thesis. Oklahoma State Univ., Stillwater. 65 pp. (3, 4, 6, 10, 16, 19)
400. Solman, V. E. F. 1949. Woodcock census studies in eastern Canada-1949. Pages 229-231 in W. F. Crissey, compiler. Waterfowl populations and breeding conditions-summer 1949 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep.-Wildl. 2. 242 pp. (3)
401. Solman, V. E. F. 1950. Woodcock singing-ground counts in eastern Canada-1950. Pages 247-249 in C. S. Williams, compiler. Waterfowl populations and breeding conditions-summer 1950 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 8. 256 pp. (3)
402. Solman, V. E. F. 1952. Woodcock singing counts--Eastern Canada, 1951. Pages 15-18 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1951. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (3)
403. Solman, V. E. F. 1953. Woodcock singing counts--Eastern Canada, 1952. Pages 13-16 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1952. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 18. 55 pp. (3)
404. Solman, V. E. F. 1954. Woodcock singing counts, Eastern Canada, 1953. Pages 19-20 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1953. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 24. 68 pp. (3)

405. Solman, V. E. F. 1956. Woodcock singing ground counts in Canada - 1955. Pages 15-16 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (3)
406. Solman, V. E. F. 1957. Woodcock singing ground counts in Canada-- 1956. Pages 17-18 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1956. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 34. 85 pp. (3)
407. Sperry, C. C. 1940. Food habits of a group of shorebirds: woodcock, snipe, knot and dowitcher. U.S. Biol. Survey, Wildl. Res. Bull. 1. 37 pp. (5)
408. Stabler, R. M. 1941. Further studies in trichomoniasis in birds. Auk 58:558-562. (13)
409. Stamps, R. T., and P. D. Doerr. 1978. Reproductive maturation and breeding of woodcock in North Carolina. Proc. Woodcock Symp. 6. In press. (17)
410. Stewart, R. E. 1952. Census of woodcock breeding population in vicinity of Patuxent Refuge, Md. in 1951. Page 29 in J.W. Aldrich, compiler. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (3)
411. Stewart, R. E. 1953. Early woodcock. Atl. Nat. 8(4):200. (1, 4)
412. Stickel, L. F., M. A. McLane, and J. F. Kreitzer. 1971. Organochlorines and mercury in woodcock: a progress report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 11 pp., n.p. (14)
413. Stickel, W. H., W. E. Dodge, W. G. Sheldon, J. B. Dewitt, and L.F. Stickel. 1965. Body condition and response to pesticides in woodcocks. J. Wildl. Manage. 29(1):147-155. (14)
414. Stickel, W. H., D. W. Hayne, and L. F. Stickel. 1965. Effects of heptachlor-contaminated earthworms on woodcocks. J. Wildl. Manage. 29(1):132-146. (5, 14)
415. Stickel, W. H., W. G. Sheldon, and L. F. Stickel. 1965. Care of captive woodcocks. J. Wildl. Manage. 29(1):161-172. (1, 5, 12, 20, 22)

416. Stone, W. B. 1973. A study of the hematology and blood parasites of woodcock. New York Fish Game Dep. P-R Rep., Proj. W-35-R-25. 41 pp. (13)
417. Studholme, A. T., and R. T. Norris. 1942. Breeding woodcock populations. *Auk* 59(2):229-233. (2, 6, 10, 17)
418. Tautin, J. 1978. The current status of woodcock and woodcock surveys in the United States. Proc. Woodcock Symp. 6. In press. (3, 7, 18, 19)
419. Taylor, W. H. 1972. Woodcock study. Virginia Comm. Game Inl. Fish. P-R Rep., Proj. W-40-19. 4 pp. (3, 10, 17, 19)
420. Terrill, L. M. 1951. Shore bird migration at Montreal. *Can. Field-Nat.* 65(3):87-98. (10)
421. Thomas, L. K., Jr. 1964. Nesting woodcock on Theodore Roosevelt Island. *Atl. Nat.* 19(3):179. (17)
422. Tuck, L. M., and M. Borotru. 1972. Additions to the avifauna of St. Pierre and Miquelon. *Can. Field-Nat.* 86(3):279-284. (4)
423. Tufts, R. W. 1940. Some studies in bill measurements and body weights of American woodcock (*Philohela minor*). *Can. Field-Nat.* 54(9):132-134. (12, 18, 22)
424. Turrell, L. W. 1927. The flight-song of the woodcock. *Wilson Bull.* 39(1):42-43. (1, 3, 17)
425. U.S. Fish and Wildlife Service. 1975. Woodcock and snipe (Scolopacidae). Pages 138-146, 198-200 in Final Environmental Statement for the Issuance of Annual Regulations Permitting the Sport Hunting of Migratory Birds. U.S. Dep. Inter., Washington, D.C. 710 pp. (7, 8, 9, 16, 19)
426. Urner, C. A., and R. W. Storer. 1949. The distribution and abundance of shorebirds on the north and central New Jersey coast, 1928-1938. *Auk* 66(2):177-194. (10)
427. Weeden, R. B. 1955. Cover requirements of breeding woodcock in central Maine. M.S. Thesis. Univ. Maine, Orono. 107 pp. (6)
428. Weeden, R. B. 1956. Cover requirements of breeding woodcock in central Maine. Pages 41-42 in J. W. Aldrich, compiler. Investigations of woodcock, snipe, and rails in 1955. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 31. 54 pp. (6, 17)

429. Weeks, H. P. 1969. Courtship and territorial behavior of some woodcocks. Proc. Indiana Acad. Sci. 79:162-171. (1, 3)
430. Wenstrom, W. P. 1973. Habitat utilization and activities of female American woodcock (Philohela minor Gmelin) in north-eastern Minnesota during spring and summer. Ph.D. Thesis. Univ. Minnesota, Minneapolis. 203 pp. (1, 2, 6, 8, 21)
431. Wenstrom, W. P. 1974. Habitat selection by brood rearing woodcock. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. 19 pp., n.p. (6, 21)
432. Westfall, C. Z. 1954. A study of woodcock behavior on their breeding grounds in central Maine. M.S. Thesis. Univ. Maine, Orono. 117 pp. (1, 17)
433. Westfall, C. Z., and R. B. Weeden. 1956. Plastic neck markers for woodcock. J. Wildl. Manage. 20(2):218-219. (2, 20)
434. Wetherbee, D. K. 1959. Egg teeth and hatched shells of various bird species. Bird-Banding 30(2):119-121. (12, 17)
435. Wetherbee, D. K., and L. M. Bartlett. 1962. Egg teeth and shell rupture of the American woodcock. Auk 79(1):117. (12, 17)
436. Wetherbee, D. K., and N. S. Wetherbee. 1961. Artificial incubation of eggs of various bird species and some attributes of neonates. Bird-Banding 32(3):141-159. (12, 17)
437. Whitcomb, D. A. 1969. A progress report of a High Island, Michigan woodcock population study. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 8 pp., n.p. (2, 3, 7, 16)
438. Whitcomb, D. A. 1971. Dynamics and behavioral characteristics of an insular woodcock population. A preliminary report. In Fourth American Woodcock Workshop Proceedings, Higgins Lake, Michigan, October 13-15, 1971. 11 pp., n.p. (2, 3, 7, 16, 17, 18)
439. Whitcomb, D. A. 1972. Nocturnal use of forest clearings during summer by an insular woodcock population. M.S. Thesis. Michigan State Univ., E. Lansing. 33 pp. (1, 6)
440. Whitcomb, D. A. 1974. Characteristics of an insular woodcock population. Mich. Dep. Nat. Resour., Wildl. Div. Rep. 2720. 78 pp. (8, 16)

441. Whitcomb, D. A. 1975. Woodcock banders' newsletter, No. 9. Mich. Dep. Nat. Resour., Wildl. Div. Inf. Circ. 179. 4 pp. (2, 20)
442. Whitcomb, D. A. 1976. Woodcock banders' newsletter, No. 10. Mich. Dep. Nat. Resour., Wildl. Div. Inf. Circ. 180. 7 pp. (2, 20)
443. Whitcomb, D. A., and A. Bourgeois. 1974. Studies of singing male surveys on High Island, Michigan. In Fifth American Woodcock Workshop Proceedings, Univ. Georgia, Athens, December 3-5, 1974. (3, 16)
444. White, F. B. 1933. Birds and motor cars. Auk 50:236. (11, 12)
445. Wilbur, S. R. 1967. Live-trapping North American upland game birds. U.S. Bur. Sport Fish. Wildl., Spec. Sci. Rep.-Wildl. 106. 37 pp. (2, 20)
446. Williams, C. S., compiler. 1948. Waterfowl populations and breeding conditions, with notes on woodcock studies--summer 1948. U.S. Fish Wildl. Serv. and Dominion Wildl. Serv. (Canada), Spec. Sci. Rep. 60. 186 pp. (3, 19)
447. Williams, C. S., compiler. 1950. Waterfowl populations and breeding conditions--summer 1950 with notes on woodcock and Wilson snipe. U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 8. 256 pp. (3, 19)
448. Williams, S. O., III. 1969. Population dynamics of woodcock wintering in Louisiana. M.S. Thesis. Louisiana State Univ., Baton Rouge. 68 pp. (2, 7, 9, 16, 18)
449. Williams, S. O., III, F. W. Martin, and J. D. Newsom. 1969. Analysis of records of Louisiana-banded woodcock--a preliminary report. In Third American Woodcock Workshop Proceedings, Univ. of Maine, Orono, June 30-July 2, 1969. 16 pp., n.p. (2, 7, 9, 16, 18)
450. Willson, M. F., J. R. Karr, and R. R. Roth. 1975. Ecological aspects of avian bill-size variation. Wilson Bull. 87(1): 32-44. (12)
451. Wishart, R. A. 1973. The behaviour and habitat requirements of the American woodcock in Quebec. M.S. Thesis. McGill Univ., Montreal, Canada. 121 pp. (1, 6)
452. Wishart, R. A. 1977. Some features of breeding and migration of woodcock in southwestern Quebec. Bird-Banding 48(4):337-340. (1, 4, 6, 10, 17)

453. Wishart, R. A., and J. R. Bider. 1976. Habitat preferences of woodcock in southwestern Quebec. *J. Wildl. Manage.* 40(3): 523-531. (6)
454. Wishart, R. A., and J. R. Bider. 1977. Aspects of woodcock nocturnal activity in southwestern Quebec. *Can. Field-Nat.* 91(2):141-147. (1, 3, 5)
455. Worth, C. B. 1940. Egg volumes and incubation periods. *Auk* 57:44-60. (12, 17)
456. Worth, C. B. 1976. Body-bobbing woodcock. *Auk* 93(2):374-375. (1)
457. Wright, B. S. 1952. Woodcock banding with bird dogs. Pages 45-46 in J. W. Aldrich, compiler. *Investigations of woodcock, snipe, and rails in 1951.* U.S. Fish Wildl. Serv. and Canadian Wildl. Serv., Spec. Sci. Rep.-Wildl. 14. 58 pp. (2, 20)
458. Wright, B. S. 1960. Woodcock reproduction in DDT-sprayed areas of New Brunswick. *J. Wildl. Manage.* 24(4):419-420. (4, 17)
459. Wright, B. S. 1963. An observation of tolerance of disturbance by a male American woodcock on his singing ground. *Auk* 80(1):85. (3)
460. Wright, B. S. 1965. Some effects of heptachlor and DDT on New Brunswick woodcocks. *J. Wildl. Manage.* 29(1):172-185. (14, 17)
461. Yarsa, S. T. 1977. Harvest analysis and hunting the woodcock in Ohio. M.S. Thesis. Ohio State Univ., Columbus. 105 pp. (7, 9, 10, 16, 19)
462. Yerger, R. W. 1947. Breeding populations of woodcock (*Philohela minor*) in central Pennsylvania. M.S. Thesis. Pennsylvania State Coll., University Park. 65 pp. (3, 16, 17)

SUBJECT INDEX

1. Behavior, Movement, Activity
21, 26, 28, 29, 30, 32, 33, 34, 36, 37, 38, 51, 54, 55, 56, 65, 70, 71,
77, 78, 93, 94, 103, 104, 105, 106, 108, 114, 116, 119, 133, 134, 136,
137, 140, 155, 156, 158, 164, 167, 168, 179, 184, 187, 192, 193, 200,
201, 210, 215, 216, 217, 219, 220, 223, 225, 226, 228, 235, 243, 253,
288, 289, 290, 292, 293, 302, 308, 309, 310, 317, 330, 333, 342, 343,
372, 373, 374, 377, 378, 379, 382, 383, 386, 388, 389, 390, 391, 393,
411, 415, 424, 429, 430, 432, 439, 451, 452, 454, 456
2. Capturing, Banding, Marking
16, 18, 19, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 74,
78, 80, 82, 83, 93, 98, 118, 127, 161, 163, 167, 177, 181, 182, 186,
187, 192, 193, 200, 201, 209, 210, 218, 220, 222, 223, 231, 233, 240,
253, 260, 269, 274, 291, 302, 303, 308, 309, 319, 320, 333, 362, 363,
364, 365, 366, 376, 382, 383, 385, 386, 387, 388, 389, 390, 391, 392,
397, 398, 417, 430, 433, 437, 438, 441, 442, 445, 448, 449, 457
3. Censusing, Singing Ground Studies
6, 7, 9, 11, 13, 15, 16, 17, 18, 19, 20, 21, 40, 42, 43, 44, 48, 54,
55, 56, 65, 73, 84, 86, 88, 89, 90, 91, 106, 107, 108, 109, 112, 114,
117, 127, 131, 132, 141, 142, 143, 144, 145, 146, 147, 148, 149, 155,
156, 157, 161, 164, 168, 169, 173, 179, 183, 186, 194, 196, 199, 208,
212, 213, 225, 242, 249, 250, 251, 256, 257, 258, 259, 264, 265, 266,
275, 276, 277, 278, 279, 280, 281, 282, 283, 288, 300, 312, 335, 338,
340, 342, 343, 353, 355, 356, 357, 358, 361, 367, 373, 374, 381, 382,
383, 386, 397, 399, 400, 401, 402, 403, 404, 405, 406, 410, 418, 419,
424, 429, 437, 438, 443, 446, 447, 454, 459, 462
4. Distribution, Range, Sightings
2, 23, 50, 53, 67, 69, 120, 121, 152, 170, 171, 172, 195, 201, 204, 205,
206, 211, 220, 222, 225, 299, 304, 311, 312, 337, 399, 411, 422, 452,
458
5. Feeding, Food Habits
51, 77, 103, 119, 123, 136, 137, 150, 192, 193, 215, 216, 217, 235, 287,
296, 300, 317, 327, 333, 346, 359, 360, 372, 389, 390, 407, 414, 415,
454
6. Habitat
20, 50, 51, 63, 64, 78, 79, 92, 93, 98, 105, 110, 129, 136, 137, 138,
140, 150, 152, 156, 170, 171, 180, 188, 189, 192, 193, 200, 201, 224,
225, 231, 232, 234, 236, 243, 244, 251, 265, 266, 286, 287, 290, 300,
301, 309, 310, 312, 313, 317, 333, 335, 337, 338, 340, 341, 347, 359,
360, 361, 365, 378, 380, 382, 395, 399, 417, 427, 428, 430, 431, 439,
451, 452, 453

7. Harvest
40, 42, 43, 44, 48, 66, 76, 80, 84, 86, 87, 88, 89, 90, 91, 98, 101, 102, 153, 170, 171, 175, 177, 179, 181, 182, 183, 185, 211, 220, 222, 227, 231, 234, 238, 245, 257, 258, 259, 260, 261, 262, 263, 303, 318, 329, 335, 337, 338, 370, 388, 396, 418, 425, 437, 438, 448, 449, 461
8. Life History Studies, Review Articles
3, 4, 5, 8, 10, 12, 14, 17, 18, 19, 20, 21, 57, 60, 61, 68, 75, 92, 111, 113, 160, 165, 167, 207, 237, 239, 285, 295, 298, 306, 325, 326, 371, 384, 385, 394, 425, 430, 440
9. Management
8, 10, 12, 14, 16, 17, 18, 19, 20, 21, 40, 42, 43, 44, 66, 76, 84, 85, 86, 87, 88, 89, 90, 91, 92, 97, 101, 110, 111, 127, 128, 136, 138, 153, 168, 170, 171, 175, 177, 179, 181, 182, 183, 190, 192, 193, 208, 220, 224, 238, 245, 256, 257, 258, 259, 265, 284, 301, 305, 318, 323, 333, 335, 337, 338, 341, 346, 347, 348, 349, 350, 360, 367, 370, 375, 380, 390, 395, 425, 448, 449, 461
10. Migration
16, 17, 30, 34, 38, 51, 76, 96, 98, 99, 100, 101, 139, 163, 169, 170, 171, 220, 222, 223, 244, 268, 296, 337, 353, 356, 357, 358, 364, 368, 377, 382, 399, 417, 419, 420, 426, 452, 461
11. Mortality
16, 22, 35, 47, 96, 124, 182, 191, 222, 244, 260, 262, 268, 310, 388, 444
12. Other
1, 6, 24, 33, 36, 49, 51, 52, 58, 59, 69, 72, 77, 95, 150, 151, 154, 172, 176, 190, 202, 203, 206, 230, 246, 273, 284, 294, 295, 296, 323, 328, 331, 347, 351, 352, 368, 415, 423, 434, 435, 436, 444, 450, 455
13. Parasites and Diseases
39, 41, 58, 59, 130, 141, 179, 198, 221, 241, 247, 267, 270, 321, 332, 334, 336, 339, 345, 389, 408, 416
14. Pesticides
46, 52, 81, 115, 122, 125, 126, 159, 214, 271, 272, 314, 315, 316, 369, 412, 413, 414, 460
15. Plumage and Molt
20, 135, 307, 344, 386, 389, 390
16. Population Studies
16, 17, 18, 19, 20, 21, 65, 82, 106, 161, 163, 164, 169, 173, 174, 177, 178, 179, 180, 181, 182, 208, 210, 213, 222, 245, 248, 256, 260, 262, 288, 303, 353, 355, 356, 357, 358, 382, 385, 386, 388, 389, 391, 399, 425, 437, 438, 440, 443, 448, 449, 461, 462

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.



GPO 848 - 468

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
EDITORIAL OFFICE
AYLESWORTH HALL, CSU
FORT COLLINS, COLORADO 80523

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF THE INTERIOR
INT 423



NOTE: Mailing lists are computerized. Please return address label with change of address.