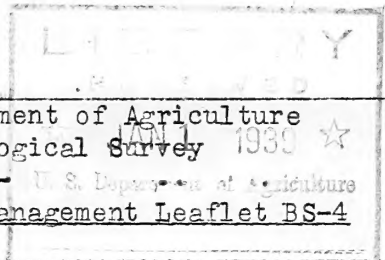


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Wildlife Research and Management Leaflet BS-4

Washington, D. C. \* Rev., December 1938

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- 1759F. Game Management on the Farm.
- 1768F. Trapping and Transplanting Live Beavers.
- 1777F. Diseases of Fur Animals
- 1781F. Diseases of Upland Game Birds.
- 1783F. Feeding Wildlife in Winter.

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- 21L. Woodchuck Control in the Eastern States.
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- 94L. Hints on Mountain Lion Trapping.
- 96L. Protecting Poultry from Predacious Birds.
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Reprints from Yearbooks:

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- 1520Y. Waterfowl Restoration Program Undertaken by the Government.
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- \*608T. Pocket Mice of Washington and Oregon in Relation to Agriculture. 10¢
- 616T. The Reproductive Cycle of the Coyote.

North American Faunas:

- \*47. Revision of American Pikas. 15¢
- \*48. Voles of Genus Phenacomys: 1, Revision of Genus Phenacomys: 2, Life History of Red Tree Mouse. 20¢
- \*50. Revision of American Lemming Mice. 10¢
- \*51. Taxonomic Review of American Long-Tailed Shrews (Genera Sorex and Microsorex). 50¢
- \*53. Mammals of New Mexico. \$1.00
- \*54. Alaska-Yukon Caribou. 20¢
- \*55. Mammals and Life Zones of Oregon. 75¢
- \*56. Revision of the North American Ground Squirrels. 40¢

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- \*61BSC. Hawks and Owls from the Standpoint of the Farmer. 5¢
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- 423C. The House Rat.
- 428C. Flight Speed of Birds.
- 433C. Crow-Waterfowl Relationships: Based on Preliminary Studies on Canadian Breeding Grounds.
- 460C. Silver Fox Pelt Prices as Affected by Time of Pelting, Sex, and Age.
- 474C. Muskrat Investigations in Dorchester County, Md., 1930-34.

Miscellaneous Publications:

- \*88M. The United States Department of Agriculture: Its Structure and Functions (with chapter on the Biological Survey). 15¢
- \*115M. Information for the Guidance of Field Men and Cooperators of the Bureau of Biological Survey Engaged in the Control of Injurious Rodents and Predatory Animals. 5¢
- 127M. Peafowl and Their Care.

Miscellaneous Publications - Continued.

- \*145M. Policies of the Bureau of Biological Survey Relative to the Control of Injurious Birds. 5¢
- \*195M. A Plan for the Management of Brown Bear in Relation to Other Resources on Admiralty Island, Alaska. 5¢
- \*207M. Raising Reindeer in Alaska. 5¢
- 270M. Post-Mortem Examinations of Wild Birds and Mammals.
- 289M. Utility of Jack Rabbit and Cottontail Skins.
- 291 M. Teaching Conservation of Wildlife Through 4-H Clubs.
- 329M. Officials and Organizations Concerned with Wildlife Protection, 1938.

BIOLOGICAL SURVEY SERIES OF MIMEOGRAPHED LEAFLETS

Note.--For leaflets listed below, address the Chief, Bureau of Biological Survey; U. S. Department of Agriculture, Washington, D. C., requesting not more than 10 copies in all.

Birds

- BS-1. Winter Food of Ruffed Grouse in New York.
- BS-2. Aids for Bird Students.
- BS-6. Publications on Cage Birds.
- BS-8. Publications on Attracting Birds.
- BS-11. Birds Aid Blueberry and Cranberry Growers.
- BS-13. Protecting Grain Crops from Damage by Wild Fowl.
- BS-27. A Cage Trap Useful in the Control of White-necked Ravens.
- BS-30. Economic Ornithology and the Correlation of Laboratory and Field Methods.
- BS-39. Report on the Arnett, Oklahoma, Experimental Quail and Prairie Chicken Management Project.
- BS-41. Fruits Attractive to Birds--Northwestern States. Region No. 1 (Washington, Oregon, and Idaho).
- BS-42. Fruits Attractive to Birds--Rocky Mountain States. Region No. 2 (Montana, Wyoming, and Colorado).
- BS-43. Fruits Attractive to Birds--Northern Plains States. Region No. 3 (North Dakota, South Dakota, Nebraska, and Kansas).
- BS-44. Fruits Attractive to Birds--Northeastern States. Region No. 4 (Minnesota, Wisconsin, Michigan, New York, Vermont, New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, Iowa, Illinois, Indiana, Ohio, Pennsylvania, New Jersey, West Virginia, Maryland, Delaware, Missouri, Kentucky, and Virginia).
- BS-45. Fruits Attractive to Birds--California. Region No. 5
- BS-46. Fruits Attractive to Birds--Great Basin States. Region No. 6 (Utah and Nevada).
- BS-47. Fruits Attractive to Birds--Southwestern States. Region No. 7 (Arizona and New Mexico).
- BS-48. Fruits Attractive to Birds--Southern Plains States. Region No. 8 (Texas and Oklahoma).
- BS-49. Fruits Attractive to Birds--Southeastern States. Region No. 9 (Arkansas, Tennessee, North Carolina, Louisiana, Mississippi, Alabama, Georgia, and South Carolina).

- BS-50. Fruits Attractive to Birds--Florida. Region No. 10.
- BS-53. Birdbanding
- BS-64. Protecting Crops from Damage by Horned Larks in California.
- BS-76. Some Suggestions for Bird Field Study.
- BS-77. The Wild Turkey on the Missouri Ozark Range. (Preliminary Report.)
- BS-81. Suggestions for Combating Starling Roosts.
- BS-83. Birds in Relation to Fishes
- BS-84. Food of the Scaled Quail. (Preliminary Report.)
- BS-93. The Controlled Hunting Areas and the Pheasant Refuge-Management System in Northwestern Ohio.
- BS-96. Blackbirds and the Rice Crop on the Gulf Coast.
- BS-111. The Waterfowl Situation: 1937-38.
- BS-121. Two Home-made Traps for English Sparrows.
- Bi-160. Dealers in Devices for Attracting Birds.
- Bi-203. Publications of Interest to Game Breeders.
- Bi-259. Dealers in Wild-duck Food Plants.
- Bi-458. Dealers in Game and Ornamental Birds.
- Bi-489. Methods for Eradicating Objectionable Roosts of Birds.
- Bi-521. Hints on the Care of Parrots.
- Bi-631. Dealers in Cage Birds and Cage-bird Supplies.
- Bi-1281. Preliminary Report on Study of Raven's Food.
- Bi-1297. Winter Food of the Ruffed Grouse in the Northeast.

#### Fur Animals

- BS-20. What Shall We Feed Our Pelters?
- BS-25. Fur Resources--the Stepchild of Conservation.
- BS-32. Raising Badgers in Captivity.
- BS-34. Raising Raccoons.
- BS-35. Raising Muskrats.
- BS-36. Publications on Fur and Fur Animals.
- BS-40. An Automatic Drinking Fountain for Minks.
- BS-58. Classification and Price Trends of Silver Fox Skins.
- BS-60. Feeding the Weaned Minks.
- BS-63. Raising Martens in Captivity.
- BS-66. Polygamous Mating of Foxes.
- BS-69. Fur Farming in Perspective.
- BS-75. Raising Otters in Captivity.
- BS-80. Feeding and Caring for Squirrels.
- BS-82. Mink Raising.
- BS-112. Tankage and Livermeal as a Summer Feed for Adult Minks.
- BS-118. Abstract of Fur Laws, 1938-39.
- Bi-128. Hints on the Care of Ferrets.
- Bi-180. Hints on the Care of Opossums.
- Bi-1053. Ear Mange in Foxes: Its Treatment and Eradication.
- Bi-1190. Raising Chinchillas in Captivity.
- Bi-1453. Publications on the Selection and Care of Furs.

### Rabbit Raising

- BS-22. Feed Requirements in Raising Weaned Rabbits to a Weight of 6 Pounds.
- BS-28. Feeding Schedule for Rabbits.
- BS-31. Average Weight of Rabbits at Weaning Age.
- BS-55. Pertinent Facts on the Angora Wool Rabbit.
- BS-56. Periodicals on Rabbits and Cavies.
- BS-65. Relative Weights of Young Rabbits and Does During the Suckling Period.
- BS-73. Inheritance of "Wholly" in Rabbits.
- BS-74. Nail Keg Nest Box.
- BS-79. Vent Diseases of Domestic Rabbits.
- BS-85. Self-feeding System for Market Rabbits.
- BS-86. Sanitation in Domestic Rabbitries.
- BS-89. Infectious Myxomatosis of Domestic Rabbits.
- BS-90. Hemorrhagic Septicemia of Domestic Rabbits: Contagious Nasal Catarrh (Snuffles), Subcutaneous Abscesses (Boils), and Other Forms.
- BS-101. Principles of Breeding Rabbits.
- BS-102. Salt Requirements of Rabbits.
- BS-114. Care of Rabbits During Warm Weather.
- BS-116. Suggestions for Control of Coccidiosis in Rabbits.
- Bi-994. Rabbit Manure as a Fertilizer.

### Injurious Animals and Their Control

- BS-10. The Possibility of Secondary Poisoning from Thallium Used in the Control of Rodents.
- BS-54. Rodent Control Aided by Emergency Conservation Work.
- BS-59. Directions for Organizing and Conducting Rabbit Drives.
- BS-62. Suggestions on Trapping Coyotes and Wolves in Alaska.
- BS-70. Poisonous Snakes of the United States.
- BS-78. Directions for Destroying House Mice.
- BS-91. Research Studies in the Control of Destructive Mammals.
- BS-103. Facts About Snakes.
- BS-113. European and American Methods of Rat Control.
- BS-115. Cultural and Other Methods for the Control of Injurious Wildlife.
- BS-117. Protecting Orchard Trees from Deer.
- Bi-770. Directions for Destroying Crawfishes.
- Bi-889. Publications on Trapping.
- Bi-1028. The Effect of Poisons Used in Rodent Control on Grouse, Pheasants, and Quail.
- Bi-1162. Directions for Poisoning Thirteen-Striped Ground Squirrels.
- Bi-1163. Directions for Controlling Tree Squirrels.
- Bi-1289. Directions for Using Poison in Chipmunk Control.

### Miscellaneous Subjects

- BS-5. Tularemia, an Animal-borne Disease.
- BS-9. Infectious Diseases as a Cause of Loss in Wildlife.
- BS-12. The Present Plight of the Jackson Hole Elk.
- BS-14. Planting for Wildlife in the Corn Belt.
- BS-15. Planting for Wildlife in the Cotton Belt.
- BS-17. Wildlife of the Atlantic Coast Salt Marshes.
- BS-29. Directions for Preservation and Care of Material Collected for Food Habit Studies.



- BS-33. Forestry and Game Management.
- BS-37. The Correlation of Forestry and Wildlife Management.
- BS-38. Cooperative Research in Wildlife Management--A Summary of the Project to February 15, 1936.
- BS-52. Raising Guinea Pigs.
- BS-57. Marking Wild Animals for Identification,
- BS-61. Sullys Hill National Game Preserve, North Dakota.
- BS-67. Wildlife Technology.
- BS-71. Wildlife in Land Planning.
- BS-72. Check-list of Marsh and Aquatic Plants of the United States.
- BS-87. Some Accomplishments of the Cooperative Research Units: A Summary to January 31, 1937.
- BS-92. The American Chameleon and Its Care.
- BS-95. Preserves and Ranges Maintained for Buffalo and Other Big Game.
- BS-98. Colleges and Universities Offering Courses in Wildlife Management, 1937-38.
- BS-99. Disease as a Factor in Game Fluctuation.
- BS-100. Annotated List and Index of Leaflets BS-1 to BS-100.
- BS-104. The Status of Wildlife Research: 1937.
- BS-105. The Federal Aid to Wildlife Restoration Act.
- BS-106. Report on Extension Work in Wildlife Conservation to December 1937.
- BS-107. Planning for Wildlife Management--An Outline.
- BS-108. History and Significance of American Wildlife.
- BS-109. Fort Niobrara Game Preserve, Nebraska.
- BS-110. Status of Eelgrass (Zostera marina) on the North Atlantic Coast, February 1938.
- BS-119. The Coordination of Mosquito Control with Wildlife Conservation.
- BS-120. Botulism, a Recurring Hazard to Waterfowl.
- Bi-263. Hints on the Care of White Mice and Rats.
- Bi-664. The Toad.
- Bi-1018. Acquisition of Land by Purchase, Gift, or Lease Under the Migratory Bird Conservation Act of February 18, 1929.
- Bi.1205. Dealers in Reptiles
- Bi-1250. Food of the Gray Fox.
- Bi-1251. Food of the Red Fox.
- Bi-1274. Raising Deer in Captivity.

