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Wildlife Leaflet

The *Wildlife Leaflet* series primarily summarizes technical information for nontechnical readers. Each leaflet deals with a single subject such as inventory or survey results, management techniques (including animal damage control methods), and descriptions of wildlife and wildlife diseases. Publications are usually typeset and have a standard size of 20 × 27 cm (7 7/8 × 10 1/2 in.); length varies. Intended audiences are technically trained management personnel, natural resource managers, and the lay public. First issued in 1935 by the Bureau of Biological Survey (Department of Agriculture) as *Wildlife Research and Management Leaflet*, the series name was changed to *Wildlife Leaflet* (Department of the Interior, Bureau of Biological Survey) in 1939. *Wildlife Leaflets* are a continuation of the series under the same title established by the Biological Survey in 1939 (superseding the "BS-" series begun in 1935 and the "Bi-" series begun in 1915, and certain information leaflets in the "Form 3-" series begun in 1939). It continued as *Wildlife Leaflet* under the Department of Interior, Fish and Wildlife Service. In 1985 the series was renamed *Fish and Wildlife Leaflet*.

1. KELSO, L. H. 1935. Winter food of ruffed grouse in New York. 3 pp.
Food consumption of ruffed grouse (*Bonasa umbellus*) during winter in New York is discussed on the basis of stomach and crop analyses.
2. DIVISION OF WILDLIFE RESEARCH. 1935. Aids for bird students. 8 pp.
Presents a bibliography to aid ornithology students in selecting suitable literature for their needs.
3. COTTAM, C. 1935. The present situation regarding eelgrass (*Zostera marina*). 7 pp.
Presents status of eelgrass (*Zostera marina*) in 1935: history and extent of eelgrass disappearance, cause of decline, effects of disappearance, and past periods of scarcity. Conditions in 1935 are presented for Eastern bays and sounds, Delaware, Maryland, Virginia, North Carolina, New Jersey, New York, New England, Canada, and Europe.
4. DIVISION OF PUBLIC RELATIONS. 1937. Available publications of the Bureau of Biological Survey. 7 pp.
5. BELL, W. B., AND J. E. SHILLINGER. 1935. Tularemia, an animal-borne disease. 3 pp.
Summarizes available information regarding tularemia, including the nature and history of the disease and symptoms in man and wild rabbits. Mentions other animals known to be susceptible and describes protective measures, including quarantine procedures.
6. DIVISION OF WILDLIFE RESEARCH. 1935. Publications on cage birds. Prepared in the Section of Food Habits. 9 pp.
Presents bibliography on such cage birds as canaries and parakeets.
7. DIVISION OF GAME MANAGEMENT. 1935. Instructions for controlling bats. Prepared in the Section of Predator and Rodent Control. 1 p.
Methods for controlling bats (including repelling, excluding, and fumigating) found in homes and other occupied buildings are described.
8. DIVISION OF WILDLIFE RESEARCH. 1935. Publications on attracting birds. Prepared in the Section of Food Habits. 4 pp.
9. SHILLINGER, J. E. 1935. Infectious diseases as a cause of loss in wildlife. 4 pp.
Reports on investigations in Minnesota, Wisconsin, and Michigan regarding *Pasteurella tularensis* in eastern cottontails (*Sylvilagus floridanus*), snowshoe hares (*Lepus americanus*), and ruffed grouse (*Bonasa umbellus*). Mentions ulcerative enteritis in ruffed grouse in Minnesota and blackhead in quail and wild turkey (*Meleagris gallopavo*).
10. GARLOUGH, F. E. 1935. The possibility of secondary poisoning from thallium used in the control of rodents. 2 pp.
Discusses the possibility of secondary poisoning of birds and mammals that consume carcasses of animals killed by thallium sulphate. Lists lethal doses for mammals and birds and mentions secondary poisoning in man.
11. KNAPPEN, P. 1935. Birds aid blueberry and cranberry growers. 4 pp.
Use of birds in the control of cranberry and blueberry insect pests is suggested. Insects include

caterpillars, gall midges, gall gnats, beetles, sawflies, katydids, crickets, and grasshoppers. A list of birds that feed on such insects from New England to New Jersey and Wisconsin is given.

12. SHELDON, H. P., O. J. MURIE, AND W. E. CROUCH. 1935. The present plight of the Jackson Hole elk. 4 pp.
Discusses lack of winter range as a significant factor in the plight of the Jackson Hole, or North American, elk (*Cervus elaphus*). Winter feeding and other temporary measures are contrasted with a more permanent solution: acquisition of adequate winter range.
13. KALMBACH, E. R. 1935. Protecting grain crops from damage by wild fowl. 7 pp.
Discusses nature of complaints involving destruction of grain crops by waterfowl. Obligations of farmers and the Federal government are identified; suggestions for crop protection are provided, including the use of firearms, fireworks, lights, flash-guns, and herding geese.
14. MCATEE, W. L. 1935. Planting for wildlife in the corn belt. 2 pp.
Discusses the need for planting vegetation, shrubs, and trees for use as wildlife food and cover in corn belt areas.
15. MCATEE, W. L. 1935. Planting for wildlife in the cotton belt. 2 pp.
Discusses the need for planting vegetation, shrubs, and trees for use as wildlife food and cover in cotton belt areas.
16. DIVISIONS OF GAME MANAGEMENT AND MIGRATORY WATERFOWL. 1936. Bird refuges and big-game preserves administered by the Bureau of Biological Survey. 8 pp.
Lists bird refuges and big game preserves administered by the Bureau of Biological Survey as of April 1936. List includes year of establishment of refuge or preserve, acreage, and species or groups of wildlife chiefly protected.
17. MCATEE, W. L. 1935. Wildlife of the Atlantic coast salt marshes. 22 pp.
Lists birds, reptiles, fish, mammals, and plants of the salt marshes. Includes values of plants to wildlife and mentions zones of salt marsh plants. Intended for educational use in CCC camps engaged in mosquito control work in Atlantic coast salt marshes.
18. BUREAU OF BIOLOGICAL SURVEY. 1935. Federal regulations on hunting waterfowl explained. 4 pp.
19. MCATEE, W. L. 1935. Plants valuable for wildlife utilization and for erosion control. 11 pp.
Lists uncultivated and crop plants useful for erosion control. Describes wildlife use of uncultivated plants for food and cover; lists most useful genera.
20. BASSETT, C. F. 1935. What shall we feed our pelters? 7 pp.
Suggests feed alternatives for foxes raised for pelts. Describes a 1934 experiment conducted to determine value of dehydrated beef meal and liver meal as a complete substitute for raw meat in fox diet.
21. KELLOGG, C. E. 1935. Feed cost of producing young rabbits to weaning age. 3 pp.
Feed costs of producing young rabbits are tabulated according to the results of two experiments conducted at the Rabbit Experiment Station, Fontana, California. Rabbits used were both red and white New Zealands.
22. KELLOGG, C. E. 1935. Feed requirements in raising weaned rabbits to a weight of six pounds. 4 pp.
Gives feed requirements and costs of raising weaned rabbits to a weight of 6 pounds.
23. GRIMES, F. G. 1935. Abstract of fur laws, 1935-36. 29 pp.
Summarizes, by States, Territories, and Canadian Provinces, legal provisions regarding possession, sale, and shipment of pelts for 1935-36.
24. GRIMES, F. G. 1935. Bounties paid by States. 4 pp.
Presents summary of bounties paid under 28 State laws for destroying wild animals and birds considered a menace to other forms of valuable wildlife, livestock, poultry, or private property.
25. ASHBROOK, F. G. 1935. Fur resources—the stepchild of conservation. 4 pp.
Discusses the lack of management of valuable fur resources and recommends that the fur trade cooperate with management agencies to ensure the preservation of fur resources.
26. DIVISION OF WILDLIFE RESEARCH. 1935. Directions for poisoning pinon jays. Prepared in the Section of Food Habits. 2 pp.
Describes corn and wheat damage by pinyon jays (*Gymnorhinus cyanocephalus*) in Rocky Mountain States. Suggests control measures, including preparation and distribution of poisoned bait.
27. ALDOUS, S. E. 1936. A cage trap useful in the control of white-necked ravens. 5 pp.
Describes a cage trap useful in capturing Chihuahuan ravens (*Corvus cryptoleucus*) and designed for use in Texas, southern New Mexico, and Arizona.
28. DIVISION OF WILDLIFE RESEARCH. 1935. Feeding schedule for rabbits. Prepared in the Section of Fur Resources. 1 p.

- Presents maintenance feeding rations for mature rabbits, and special rations for does that fail to kindle and for those suckling young. A sample feeding schedule for does and litters is given.
29. DIVISION OF WILDLIFE RESEARCH. 1935. Directions for preservation and care of material collected for food habits studies. Prepared in the Section of Food Habits. 5 pp.
Proper methods of collecting, handling, preserving, and shipping stomachs and other materials for food habits studies are provided. Also discusses recording data and materials needed.
30. COTTAM, C. 1936. Economic ornithology and the correlation of laboratory and field methods. 13 pp.
Discusses value of laboratory and field research and the need for both in investigations regarding birds and their interactions with man. Presents laboratory methods of examining stomachs of birds.
31. KELLOGG, C. E. 1936. Average weight of rabbits at weaning age. 5 pp.
Gives distribution by weight of 1,903 rabbits weaned at 8 weeks. Also mentions weights of those weaned during different months and litter sizes of the rabbits.
32. DIVISION OF WILDLIFE RESEARCH. 1936. Raising badgers in captivity. Prepared in the Section of Fur Resources. 2 pp.
Includes general description of the American badger (*Taxidea taxus*), suitable pens and dens, feeding directions and notes on breeding.
33. CHAPMAN, H. H. 1936. Forestry and game management. 4 pp.
Suggests that coordination of game management with other uses of forests is a matter of proper land use and a function of the forester.
34. DIVISION OF WILDLIFE RESEARCH. 1936. Raising raccoons. Prepared in the Section of Fur Resources. 2 pp.
Discusses the following aspects of raising raccoons (*Procyon lotor*): selecting ranch sites, preparing pens and dens, feeding, breeding, and managing.
35. DIVISION OF WILDLIFE RESEARCH. 1936. Raising muskrats. Prepared in the Section of Fur Resources. 2 pp.
Discusses the following aspects of raising muskrats: pen raising, fencing marsh areas, breeding, definition of prime pelts, and general suggestions. Lists six publications on muskrats.
36. DIVISION OF WILDLIFE RESEARCH. 1936. Publications on fur and fur animals. Compiled in the Section of Fur Resources. 2 pp.
- Includes publications on fur animals, domestic rabbits, white mice and rats, and guinea pigs.
37. GABRIELSON, I. N. 1936. The correlation of forestry and wildlife management. 8 pp.
To correlate forestry and wildlife management this publication suggests: 1) additions to average forestry school curriculum, 2) modifications in forestry management to correlate with wildlife needs, and 3) similar modifications in viewpoints and practices of biologists and conservationists.
38. BODE, I. T. 1936. Cooperative research in wildlife management—a summary of the project to February 15, 1936. 16 pp.
Includes cooperating agencies and States, administration, and objectives of the cooperative wildlife management research project. Research questions and State work programs for Alabama, Connecticut, Iowa, Maine, Ohio, Oregon, Texas, Utah, and Virginia are discussed.
39. DAVISON, V. 1936. Report on the Arnett, Oklahoma, experimental quail and prairie chicken management project. Abridged by W. L. McAtee. 6 pp.
Life history findings for lesser prairie-chicken (*Tympanuchus pallidicinctus*) and Northern bobwhite (*Colinus virginianus*) are given. Also included are management studies regarding trapping, feed patches, fire, water requirements, and predators. Misconceptions of hunters, free hunting, and Mexican quail introduction are noted.
40. BASSETT, C. F. 1936. An automatic drinking fountain for minks. 3 pp.
Describes and illustrates a homemade device for providing clean, fresh drinking water for American minks (*Mustela vison*).
41. MCATEE, W. L. 1936. Fruits attractive to birds—Northwestern States, Region No. 1. 14 pp.
Discusses fruits attractive to birds in Washington, Oregon, and Idaho. Contains a map of the region, mentions native and extralimital fruit species suitable for the region, and lists important related publications.
42. MCATEE, W. L. 1936. Fruits attractive to birds—Rocky Mountain States, Region No. 2. 12 pp.
Discusses fruits attractive to birds in Montana, Wyoming, and Colorado.
43. MCATEE, W. L. 1936. Fruits attractive to birds—Northern Plains States, Region No. 3. 13 pp.
Discusses fruits attractive to birds in North Dakota, South Dakota, Nebraska, and Kansas.
44. MCATEE, W. L. 1936. Fruits attractive to birds—Northeastern States, Region No. 4. 26 pp.
Discusses fruits attractive to birds in 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.
45. MCATEE, W. L. 1936. Fruits attractive to birds—California, Region No. 5. 14 pp.
Discusses fruits attractive to birds in California.
46. MCATEE, W. L. 1936. Fruits attractive to birds—Great Basin States, Region No. 6. 9 pp.
Discusses fruits attractive to birds in Utah and Nevada.
47. MCATEE, W. L. 1936. Fruits attractive to birds—Southwestern States, Region No. 7. 10 pp.
Discusses fruits attractive to birds in Arizona and New Mexico.
48. MCATEE, W. L. 1936. Fruits attractive to birds—Southern Plains States, Region No. 8. 12 pp.
Discusses fruits attractive to birds in Texas and Oklahoma.
49. MCATEE, W. L. 1936. Fruits attractive to birds—Southeastern States, Region No. 9. 12 pp.
Discusses fruits attractive to birds in Arkansas, Tennessee, North Carolina, Louisiana, Mississippi, Alabama, Georgia, and South Carolina.
50. MCATEE, W. L. 1936. Fruits attractive to birds—Florida, Region No. 10. 13 pp.
Discusses fruits attractive to birds in Florida.
51. KALMBACH, E. R. 1938. Local control of magpies. 8 pp.
Presents the economic status of the black-billed magpie (*Pica pica*) and methods of control, including destruction of nests and young, trapping, and poisoning.
52. DIVISION OF WILDLIFE RESEARCH. 1936. Raising guinea pigs. Prepared in the Section of Fur Resources. 2 pp.
Provides information on raising guinea pigs (*Cavia porcellus*), including housing, feeding, breeding, and management.
53. DIVISION OF WILDLIFE RESEARCH. 1936. Birdbanding. Prepared in the Section of Distribution and Migration of Birds. 5 pp.
Presents history, authorization, and future direction of birdbanding. Describes birdbanding regulations and the bird-bands. Discusses traps, risks of bird injury, and the value of birdbanding.
54. YOUNG, S. P. 1936. Rodent control aided by emergency conservation work. 30 pp.
Discusses need for rodent control and illustrates control work with prairie dogs, ground squirrels, pocket gophers, kangaroo rats, rabbits, hares, and porcupines. Describes Federal, State, and local cooperation, Emergency Conservation Work training, and timeliness of emergency aid. Benefits regarding forest and forage protection and erosion control are given, with examples. Includes methods of safeguarding harmless species.
55. DIVISION OF WILDLIFE RESEARCH. 1936. Pertinent facts on the Angora wool rabbit. Prepared in the Section of Fur Resources. 1 p.
Presents special considerations relating to domestic rabbit (*Oryctolagus cuniculus*, Angora strain) wool production and marketing.
56. DIVISION OF WILDLIFE RESEARCH. 1936. Periodicals on rabbits and cavies. Prepared in the Section of Fur Resources. 1 p. Revised 1937, 2 pp.
57. ASHBROOK, F. G. 1936. Marking wild animals for identification. 3 pp.
Ear-tagging, tattooing, and toe-clipping are discussed as marking techniques.
58. KELLOGG, C. E. 1936. Classification and price trends of silver fox skins. 12 pp.
General and specific price trends in the United States and Great Britain from 1932–1936 are given. Presents distribution of marketed pelts by classes according to degree of silvering.
59. DIVISION OF GAME MANAGEMENT. 1936. Directions for organizing and conducting rabbit drives. Prepared in the Section of Predator and Rodent Control. 2 pp.
Gives location and construction of corral traps and describes drive organization.
60. BASSETT, C. F. 1936. Feeding the weaned minks. 4 pp.
Describes experiments in feeding weaned American minks (*Mustela vison*) conducted at the United States Fur Animal Experiment Station, Saratoga Springs, New York. Includes preliminary management of the animals, feeding, results, and conclusions.
61. RUTH, C. 1936. Sullys Hill National Game Preserve, North Dakota. 5 pp.
Gives location and history of Sullys Hill National Game Preserve, an area rich in historical interest whose primary purpose is education. Other Federal big game ranges and preserves are listed.
62. GUBSER, H. H. 1936. Suggestions on trapping coyotes and wolves in Alaska. 6 pp.
Identifies need for coyote (*Canis latrans*) control and lists equipment for trapping. Describes preparation of natural and fetid scents and setting of traps, including trail, scent, muskeg, and ice sets. Provides general suggestions for trappers and notes on den hunting.

63. DIVISION OF WILDLIFE RESEARCH. 1936. Raising martens in captivity. Prepared in the Section of Fur Resources. 2 pp.
Discusses traits of the American pine marten (*Martes americana*), food in the wild and in captivity, and pens and nest boxes. Provides notes on breeding and diseases.
64. NEFF, J. A. 1936. Protecting crops from damage by horned larks in California. 10 pp.
Describes nature, season, and severity of crop damage by horned larks (*Eremophila alpestris*) on root crops, legumes, lettuce, melons, and tomatoes. Presents control and damage prevention methods, including noise-making devices, shooting or herding-off, attracting vultures, scarecrows, paper confetti, papers on the ground, stakes, and flags. Description and costs of continuous string flagging are given.
65. KELLOGG, C. E. 1936. Relative weights of young rabbits and does during the suckling period. 5 pp.
Presents average weekly weights of young New Zealand rabbits up to weaning time (8 weeks) and compares weight gain in large and small litters. Provides doe weights during lactation.
66. KELLOGG, C. E. 1936. Polygamous mating of foxes. 4 pp.
Presents advantages of polygamous mating in foxes and results of polygamous mating trials at the Fur Animal Experiment Station from 1922-36.
67. MCATEE, W. L. 1936. Wildlife technology. 5 pp.
Gives the origin of wildlife technology and mentions identification, range, migration, food, and cover techniques used in 1936. Emphasizes importance of wildlife technology in all fields of conservation.
68. GRIMES, F. G. 1936. Abstract of fur laws, 1936-37. 32 pp.
Summarizes state laws regarding possession, sale, and shipment of pelts for 1936-37, by States, Territories and Canadian Provinces.
69. ASHBROOK, F. G. 1936. Fur farming in perspective. 4 pp.
Follows development of silver fox farming from 1922-34 in the United States and Canada. Gives notes on the industry in other countries and presents recommendations for fox farmers.
70. DIVISION OF WILDLIFE RESEARCH. 1936. Poisonous snakes of the United States. Prepared in the Section of Food Habits. 19 pp.
Presents key to principal poisonous snakes of the United States and gives names and ranges of rattlesnakes. Describes poison apparatus and venom of venomous snakes. Mortality resulting from snake bite and treatment of bites are discussed. Notes on rattles, young, exposure to sun, and food habits are provided.
71. MCATEE, W. L. 1936. Wildlife in land planning. 6 pp.
Values of wildlife and wildlife management are presented. Alteration and restoration of the environment and wildlife protection are discussed. Also noted are land use management recommendations and allotment of land for wildlife.
72. HOTCHKISS, N. 1936. Check-list of marsh and aquatic plants of the United States. 27 pp.
Principal plants occurring in marsh and water areas are listed systematically. Common names are given. Excluded are species characteristic of wood swamps and peat bogs, and algae (except Characeae).
73. BELLAMY, A. E. 1936. Inheritance of "woolly" in rabbits. 4 pp.
Genetics of woolly in rabbits is explained and suggestions for its elimination are provided.
74. TEMPLETON, G. S. 1936. Nail-keg nest box. 2 pp.
Instructions for constructing an inexpensive nest box for rabbits are provided. Description, illustrations, and use are included.
75. DIVISION OF WILDLIFE RESEARCH. 1936. Raising otters in captivity. Prepared in the Section of Fur Resources. 2 pp.
Describes traits of otters and food in the wild and in captivity. Includes notes on breeding, enclosures, and dens.
76. COOKE, M. T. 1936. Some suggestions for bird field study. 6 pp.
General suggestions for bird field studies regarding equipment, study area and times, field identification, notekeeping, and organization are given.
77. BLAKEY, H. L. 1937. The wild turkey on the Missouri Ozark Range. 32 pp.
Describes the Missouri Ozark range, types of turkeys present, and conservation efforts in the area. Presents life history of the turkey, including nesting, egg-laying, incubation, eggs, hatching, brooding, and food habits. Discusses the following factors limiting abundance: predators on eggs and other egg losses, predators on birds, diseases, and human activities. Field management techniques such as food patches, restocking, and releasing are included. Future conservation problems are noted.
78. DIVISION OF GAME MANAGEMENT. 1937. Directions for destroying house mice. Prepared in the Section of Predator and Rodent Control. 2 pp.
Trapping, poisoning, repelling, and using cats as mousers are techniques described for house mice control.

79. MCKENNEY, F. D., AND J. E. SHILLINGER. 1937. Vent diseases of domestic rabbits. 4 pp.
Presents symptoms and treatment of spirochetosis and urine burn in domestic rabbits (*Oryctolagus cuniculus*). Includes notes on pyogenic infections.
80. DIVISION OF WILDLIFE RESEARCH. 1937. Feeding and caring for squirrels. Prepared in the Section of Fur Resources. 2 pp.
Describes squirrel food in the wild and in captivity and suitable cages and nests. Provides directions for care and sanitation.
81. KALMBACH, E. R. 1937. Suggestions for combating starling roosts. 17 pp.
Discusses introduction and 1937 range of the starling (*Sturnus vulgaris*), and its positive and negative values. Describes nature and significance of winter roosts, objectionable roosts, and methods of eliminating roosts. Presents crop damage avoidance and prevention techniques, and starling control techniques such as shooting, trapping, capturing, gassing, poisoning, and frightening.
82. DIVISION OF WILDLIFE RESEARCH. 1937. Mink raising. Prepared in the Section of Fur Resources. 8 pp.
Provides history of mink (*Mustela vison*) raising and description of suitable pens, nest boxes, and other equipment. Characterizes good breeding stock and discusses foods, feeding, mating, and care of young. Presents notes on sanitation, management, and animals to be pelted. Pelting operations are described and useful publications are listed.
83. COTTAM, C., AND F. M. UHLER. 1937. Birds in relation to fishes. 16 pp.
Discusses fish-eating birds as a cause of fish depletion. Describes food of pelicans, double-crested cormorant (*Phalacrocorax auritus*), belted kingfisher (*Megaceryle alcyon*), great blue heron (*Ardea herodias*), green-backed heron (*Butorides striatus*), black-crowned night-heron (*Nycticorax nycticorax*), yellow-crowned night-heron (*N. violaceus*), American bittern (*Botaurus lentiginosus*), other herons, gulls and terns, American dipper (*Cinclus mexicanus*), osprey (*Pandion haliaetus*), and mergansers. Presents control methods for fish-eating birds, including screening and wiring ponds, trapping, frightening, and shooting.
84. KELSO, L. H. 1937. Food of the scaled quail. 9 pp.
Includes a description of scaled quail (*Callipepla squamata*) and its range and environment. Discusses food of adults and young and compares these to foods of other quails.
85. TEMPLETON, G. S. 1937. Self-feeding system for market rabbits. 9 pp.
Reports on experiments to devise a feeder allowing rabbits to regulate their own diet. Discusses feeding grains, milled products, and plant protein supplements as food. Provides results for fryer and roaster rabbits. Lists precautions and advantages of feeder and explains construction.
86. MCKENNEY, F. D. 1937. Sanitation in domestic rabbitries. 4 pp.
General cleaning procedure and equipment is explained. Choice of a disinfectant and prevention and control of infectious diseases are discussed.
87. JACKSON, H. H. T. 1937. Some accomplishments of the cooperative research units: a summary to January 31, 1937. 10 pp.
Lists nine Cooperative Research Units, their locations, their dates of establishment, and their leaders' names. Activities of each unit are summarized.
88. DIVISION OF WILDLIFE RESEARCH. 1937. The waterfowl situation: 1936-37. Prepared in the Section of Distribution and Migration of Birds. 14 pp.
Reports on the 1936 breeding-ground survey, the 1936 fall migration, and the 1937 January inventory of waterfowl. Describes U.S. breeding grounds. Describes waterfowl areas and species in Mexico, and gives species abundance for Coyuca Lake, Lake Tlahualilo, Don Martin Dam, Tamihua Lagoon, Tigre River, Maydalena Lake, Los Mochis, and Yaqui Valley. Emphasizes need for continued wise waterfowl management.
89. MCKENNEY, F. D., AND J. E. SHILLINGER. 1937. Infectious myxomatosis of domestic rabbits (mosquito disease; big-head disease). 2 pp.
Occurrence of myxomatosis (caused by the virus *Myxomatosum*), its common names, transmission, symptoms, and mortality are discussed. Post-mortem evidences of the disease, its prevention, and its control are presented.
90. MCKENNEY, F. D., AND J. E. SHILLINGER. 1937. Hemorrhagic septicemia of domestic rabbits: contagious nasal catarrh (snuffles), sub-cutaneous abscesses (boils), and other forms. 5 pp.
Presents occurrence and forms of the disease hemorrhagic septicemia, or pasteurellosis, caused by the microorganism *Pasteurella cuniculicida*, or *Bacterium lepisepticum*. Discusses manifestations, prevention, and control of the disease.
91. GARLOUGH, F. E. 1937. Research studies in the control of destructive mammals. 12 pp.
Describes conditions favoring vertebrate pest increase and suggests control methods for meadow mice, pocket gophers, beaver (*Castor canadensis*), and snowshoe hare (*Lepus americanus*). Study of natural drift movements of covotes (*Canis latrans*) is included. Procedures for developing control

- methods and selective poisons and for protecting innocent species are discussed.
92. DIVISION OF WILDLIFE RESEARCH. 1937. The American chameleon and its care. Prepared in the Section of Food Habits. 4 pp.
A description of the Carolina anole (*Anolis carolinensis*) and its range are provided. Activity, food, breeding habits, and recommended care of the chameleon are discussed. Directions for rearing mealworms and cockroaches as a food supply are given.
93. HICKS, L. E. 1937. The controlled-hunting areas and the pheasant refuge-management system in northwestern Ohio. 10 pp.
Describes the Ohio pheasant refuge system and management techniques employed including natural propagation of pheasants, habitat management in cooperation with landowners, winter feeding, and livetrapping and transplanting of surplus stock. The Wood County landowner association controlled-hunting system and general regulations of such associations are discussed.
94. LYNCH, J. J., AND C. COTTAM. 1937. Status of eelgrass (*Zostera marina*) on the North Atlantic Coast, January 1937. 15 pp.
Reviews decline of eelgrass (*Zostera marina*) in 1931 and the subsequent history of the plant. Status of eelgrass on the North Atlantic coast in 1937 is given. Experimental plantings are reported.
95. RUTH, C. 1937. Preserves and ranges maintained for buffalo and other big game. 20 pp.
Presents reasons for establishment, history, and description of Wichita Mountains Wildlife Refuge, National Bison Range, Fort Niobrara Game Preserve, Sullys Hill Game Preserve, Elk Refuge, Charles Sheldon Antelope Range, Charles Sheldon Antelope Refuge, Hart Mountain Antelope Refuge, Desert Game Range, Fort Peck Game Range, and Nunivak Island Wildlife Refuge. Discusses protection of brown bears (*Ursus arctos*) in Alaska, buffalo herds other than those of Biological Survey preserves, and improvement and development of refuges. Includes list of publications on big game animals.
96. KALMBACH, E. R. 1937. Blackbirds and the rice crop on the Gulf coast. 4 pp.
Discusses extent of rice crop damage and area affected by red-winged blackbirds (*Agelaius phoeniceus*) and boat-tailed grackles (*Quiscalus major*). Describes habits, control, and legal status of the birds.
97. GRIMES, F. G. 1937. Abstract of fur laws, 1937-38. 31 pp.
Presents provisions of State laws regarding possession, sale and shipment of pelts for 1937-38. Summarizes by States, Territories, and Canadian Provinces.
98. DIVISION OF WILDLIFE RESEARCH. 1937. Colleges and universities offering courses in wildlife management, 1937-38. Prepared in the Section of Wildlife Surveys. 8 pp.
Discusses ways to prepare for wildlife research or administration positions. Lists universities and other institutions with curricula for undergraduate and graduate training in wildlife management and presents complete list of existing course titles for each.
99. SHILLINGER, J. E. 1937. Disease as a factor in game fluctuation. 3 pp.
Discusses tularemia and paratyphoid in snowshoe hare (*Lepus americanus*), and avian cholera and ulcerative enteritis in grouse as possible factors of population fluctuations. Suggests management techniques for cyclic populations.
100. MCATEE, W. L. 1938. Annotated list and index of Leaflets BS-1 to BS-100. 20 pp.
Describes the nature of the *Wildlife Leaflet* series and provides an abstract of each leaflet and author and subject indexes.
101. TEMPLETON, G. S. 1938. Principles of breeding rabbits. 6 pp.
Describes fundamental factors in mating and suggests breeding ages, a breeding schedule, procedures for making matings, and test matings. Discusses false pregnancy, factors that prevent conception, and remedies, inbreeding, and eliminating woolly fur.
102. TEMPLETON, G. S. 1938. Salt requirements of rabbits. 1 p.
Reports on an experiment on salt requirements of bucks and does with litters, and recommends the self-feeding methods for salt. Results suggest that 1/6 pound salt per 100 pounds of food concentrate is a satisfactory salt ration.
103. DIVISION OF WILDLIFE RESEARCH. 1938. Facts about snakes. Prepared in the Section of Food Habits. 9 pp.
Discusses myths and misconceptions about snakes. Describes general habits, hibernation, skin-shedding, and economic value of snakes. Provides precautionary measures against snakes and suggests methods for snake-proofing buildings and eradicating snakes, including gassing.
104. MCATEE, W. L. 1938. The status of wildlife research: 1937. 30 pp.
Summarizes research projects by Federal and State agencies, universities, museums, and other establishments. Includes Canadian research and costs of wildlife research. Lists number of projects and number of synopsis of subjects.
105. DAY, A. M. 1938. The Federal Aid to Wildlife Restoration Act. 4 pp.

- Explains provisions of the Pittman-Robertson Act and appropriations authorized. Discusses functions of the Biological Survey in administering the law, States' maintenance responsibility, permissible projects, and prospective benefits.
106. BODE, I. T. 1938. Report on extension work in wildlife conservation to December 1937. 7 pp.
Describes interest in wildlife conservation, need for an extension program, and need for informational material. Presents work accomplished, plans for 1938, and suggestions for a continuation program.
107. DIVISION OF WILDLIFE RESEARCH. 1938. Planning for wildlife management—an outline. Prepared in the Section of Wildlife Surveys. 5 pp.
Surveys resources, including condition of existing habitat, present wildlife populations, and limiting factors. Describes specific and general management objectives, including 1) better land use for wildlife, 2) proper use of wildlife, 3) protection of personal and property rights, and 4) provision of returns to communities and individuals.
108. SHELDON, H. P. 1938. History and significance of American wildlife. 8 pp.
Describes original wealth in wildlife, exploitation by Indians and white settlers, and influence of wildlife on colonization and settlement. Discusses early traffic in wildlife and its products, decline of exploitation era, and wildlife management. Mentions land-use problems.
109. RUTH, C. 1938. Fort Niobrara Game Preserve, Nebraska. 1938.
Presents location, purpose, and history of the preserve. Provides species lists, improvements, and miscellaneous features, and lists 10 other refuges maintained primarily for big game.
110. COTTAM, C. 1938. Status of eelgrass (*Zostera marina*) on the North Atlantic coast, February 1938. 7 pp.
Reviews previous accounts of eelgrass (*Zostera marina*) wasting disease. Describes 1938 conditions in New England, Canadian Atlantic coast, Long Island, New Jersey and the Delmarva Peninsula, and North Carolina. Discusses experimental plantings of the East and West coast varieties.
111. DIVISION OF WILDLIFE RESEARCH. 1938. The waterfowl situation: 1937-38. Prepared in the Section of Distribution and Migration of Birds. 10 pp.
Results of spring migration observations, breeding ground survey, fall migration observations, and wintering grounds investigations are reported, including studies in Mexico and the Mississippi and Atlantic Flyways, and the January inventory.
112. BASSETT, C. F. 1938. Tankage and livermeal as a summer feed for adult minks. 4 pp.
- Reports on substitution of tankage and livermeal for raw meat in an experiment at the U.S. Fur Animal Experiment Station, Saratoga Springs, New York.
113. MILLS, E. M. 1938. European and American methods of rat control. 6 pp.
Compares and describes methods of Norway rat (*Rattus norvegicus*) control in Denmark, England, Germany, Switzerland, France, and America.
114. TEMPLETON, G. S. 1938. Care of rabbits during warm weather. 2 pp.
Discusses adequate freshwater supply, heat protection with water-evaporating devices, hutch ventilation, and cooling container for care of young in warm weather.
115. SPENCER, D. A. 1938. Cultural and other methods for the control of injurious wildlife. 6 pp.
Control methods are discussed for various rodents, bats, deer, porcupines, beavers, blackbirds, herons, and waterfowl. Suggestions include: 1) modification of agricultural practices; 2) defensive methods such as scarecrows, repellents, fences, and transplanting; and 3) poisoning.
116. VAIL, E. L. 1938. Suggestions for control of coccidiosis in rabbits. 1 p.
Describes coccidiosis, its symptoms, transmission, and diagnosis. Prevention recommendations are made.
117. MILLS, E. M. 1938. Protecting orchard trees from deer. 5 pp.
Describes habits of deer and discusses repellent techniques including scaring devices, sprays, "deer proof" fences, asafetida, naphthalene flukes, automatic flash gun, tar paper cones, traps, and electric fences.
118. GRIMES, F. G. 1938. Abstract of fur laws, 1938-39. 35 pp.
Presents 1938-39 provisions of State laws regarding possession, sale, shipment, and export of pelts; open and closed seasons; and licenses, for the United States, Canadian Provinces, and Newfoundland.
119. COTTAM, C. 1938. The coordination of mosquito control with wildlife conservation. 6 pp.
Discusses detrimental effects of mosquito control on wildlife as a result of such techniques as lake ditching and marsh burning. Recommends studies in biological control methods and better coordination between mosquito control and wildlife management. Cites instances of such cooperation.
120. KALMBACH, E. R. 1938. Botulism, a recurring hazard to waterfowl. 8 pp.

- Reviews history of knowledge of botulism in waterfowl and summarizes information from 1934-38. Discusses outbreaks since 1932 in the United States, Canada, and Australia. Suggests safeguards for the future.
121. DIVISION OF WILDLIFE RESEARCH. 1938. Two home-made traps for English sparrows. Prepared in the Section of Food Habits. 6 pp.
Summarizes introduction, spread, and economic status of the English (house) sparrow (*Passer domesticus*). Describes control methods, including homemade nest box and funnel traps, and discusses release of other species that may be trapped by these methods.
122. DIVISION OF WILDLIFE RESEARCH. 1939. Big-game inventory of the United States, 1937. Compiled in the Section of Wildlife Surveys. 13 pp.
Discusses sources of information and optimal times for censusing. Species listed include white-tailed deer (*Odocoileus virginianus*), mule deer (*O. hemionus*), black-tailed deer (*O. h. columbianus*), elk (*Cervus elaphus*), caribou (*Rangifer tarandus*), antelope (*Antilocapra americana*), Rocky Mountain bighorn sheep (*Ovis canadensis canadensis*), desert bighorn (*O. c. nelsoni*), mountain goat (*Oreamnos americanus*), javelina (*Pecari angulatus*), European wild boar (*Sus scrofa*), American black bear (*Ursus americanus*), North American grizzly bear (*U. arctos*), and American bison (*Bison bison*). Species are enumerated by State and type of land ownership. Results are summarized.
123. IMLER, R. H., AND E. R. KALMBACH. 1939. Crow damage to fall grain crops in Oklahoma in 1937. 15 pp.
Reports on distribution and abundance of American crows (*Corvus brachyrhynchos*) in Oklahoma and on crow damage to grain. Information is based on studies made at intervals since 1920. Summarizes responses of 1,100 farmers to a questionnaire on crop damage, and compares these with field observations.
124. HORN, E. E. 1939. Factors in nesting losses of the California valley quail. 7 pp.
Describes California quail (*Callipepla californica*) habitat and identifies California ground squirrels (*Spermophilus beecheyi*) as the most serious check on quail breeding. Other factors discussed include hunting pressure, population fluctuation, food supply fluctuation, drought, and natural enemies.
125. ANONYMOUS. 1939. Natural plantings for attracting waterfowl to marsh and other water areas. 5 pp.
Discusses baiting regulation of the Migratory Bird Treaty Act. Recommends plant species for areas with muddy, fluctuating water, and for marshes and marshland ponds.
126. SHELDON, H. P. 1939. History and significance of American wildlife: II. 7 pp.
Discusses rapid exploitation of American natural resources and subsequent recognition of need for conservation. Describes the progress made in wildlife restoration planning, and presents development of wildlife-protection legislation and restoration as a government function.
127. BASSETT, C. F. 1939. An efficient trap for the fox ranch. 2 pp.
Presents description and illustration of fox live trap that does not cause injury.
128. BASSETT, C. F. 1939. A feeder for foxes. 2 pp.
Describes, illustrates, and provides construction plans for the most successful fox feeder tested at U.S. Fur Animal Experiment Station, Saratoga, New York. Provides notes on use and care of feeder.
129. DIVISION OF WILDLIFE RESEARCH. 1938. Cooperative wildlife-management research, 1938. Prepared in the Section of Wildlife Surveys. 4 pp.
Presents locations, leaders, and demonstration areas of cooperative wildlife-management research. Discusses subjects of study and the students concerned in 11 projects.
130. BASSETT, C. F. 1939. Seasonal fox rations and quantities to feed. 3 pp.
Gives special attention to meat content; provides dietary requirements of males, females, and weaned pups.
131. ANONYMOUS. 1939. Suggestions on attracting birds, with reference to available literature. 5 pp.
Gives suggestions for providing protection, nesting facilities, and water and food supplies.
132. HORN, E. E. 1939. Some California wildlife-forest relationships. 5 pp.
Discusses forest-wildlife interactions. Presents observations in California studies of the effects of logging and prescribed burns on deer, cottontails, and mice.
133. ROSENE, W., JR. 1939. A preliminary investigation of the food habits of the mourning dove in Alabama. 10 pp.
Presents analyses of stomach contents of 287 mourning doves (*Zenaida macroura*). Important seed food sources given are grasses—especially cultivated grains—pokeweed, chickweed, legumes, doveweeds, evening primrose, and ragweeds. Field observations of feeding habits are discussed.
134. CHAPMAN, F. B. 1939. A summary of the gray squirrel investigation in southeastern Ohio. 9 pp.
Summarizes life history and ecology of the gray squirrel (*Sciurus carolinensis*) in the unglaciated

- counties of southeastern Ohio. Presents data on weights, sex ratios, age-class groups, dens, leaf nests, mating period, litters, parasites, diseases, and population studies. Includes analysis of local hunting, and makes general management recommendations.
135. CROUCH, W. E., AND C. A. LEICHHARDT. 1939. Personnel in Federal game-law enforcement. 8 pp. Provides job specifications and salaries for U.S. game management agents, deputy U.S. game management agents, and U.S. deputy game wardens. Discusses entrance requirements, duties, and qualifications for physical condition, education, experience, and attitude.
136. DIVISION OF WILDLIFE RESEARCH. 1939. The waterfowl situation: 1938-39. Prepared in the Section of Distribution and Migration of Birds. 18 pp. Compares observations of spring and fall migrations of 1937 and 1938. Summarizes results of breeding-ground surveys of flyways, and discusses wintering ground surveys and studies in Mexico and the United States. Presents January inventory results and notes on bag limits and total kill.
137. ALDOUS, S. E., AND C. F. SMITH. 1939. Fall and winter food habits of deer in northeastern Minnesota. 10 pp. Discusses food supply and use, and reports on stomach analyses of 72 northern white-tailed deer (*Odocoileus virginianus*). Results from the range studied indicate a decline in winter carrying capacity; proper management is suggested.
138. ENDERS, R. K. 1939. Sperm studies as a guide in fur-animal breeding practice. 3 pp. Describes practice of taking sperm smears from the vaginas of mink or foxes to aid in breeding efficiency. Lists equipment and explains process and interpretation of results.
139. TEMPLETON, G. S. 1939. Rabbit-pen construction in relation to sore hocks. 2 pp. Suggests management techniques (such as use of flooring) for reducing sore hocks in rabbits. Describes treatment of affected animals.
140. DIVISION OF WILDLIFE RESEARCH. 1939. A survey of the annual fur catch of the United States. 19 pp. Lists total fur catch by species for 1937-38 for 27 States. Includes lists for numerous other States for years between 1933 and 1936.
141. MCCLANAHAN, R. C. 1939. Protecting blueberries from damage by herring gulls. 4 pp. Describes herring gull (*Larus argentatus*) habits in Washington and Hancock Counties, Maine. Suggests methods of crop protection, such as frightening devices, shooting, and modification of cultural practices.
142. DIVISION OF WILDLIFE RESEARCH. 1939. Big-game inventory of the United States. Compiled in the Section of Wildlife Surveys. 11 pp. Updates species population trends from *Wildlife Leaflet BS-122*.
143. DIVISION OF WILDLIFE RESEARCH. 1939. Suggestions for the control of vagrant domestic pigeons. Prepared in the Section of Food Habits. 4 pp. Mentions legal status of the domestic pigeon (*Columba livia*), or rock dove, and presents suggestions for control including frightening devices, trapping, shooting, poisoning, and gassing.
144. DIVISION OF WILDLIFE RESEARCH. 1939. Raising deer in captivity. Prepared in the Section of Wildlife Surveys. 6 pp. Discusses enclosures and general food requirements of deer. Provides more specific information on characteristics of white-tailed deer (*Odocoileus virginianus*), and mule or black-tailed deer (*O. hemionus*). Mule deer and black-tailed deer are discussed as separate species.
145. LINCOLN, F. C. 1939. Birdbanding. 5 pp. Presents history, authorization, and direction of birdbanding. Describes the bird bands and birdbanding regulations. Discusses traps, risks of bird injury, and the value of birdbanding.
146. DIVISION OF WILDLIFE REFUGES. 1939. Lake Mattamuskeet Wildlife Refuge. 2 pp. Describes the 50,000-acre North Carolina refuge and its history. Provides notes on hunting and fishing privileges and on principal waterfowl of the refuge.
147. GRIMES, F. G. 1939. Abstract of fur laws, 1939-40. 37 pp. Presents 1939-40 provisions of State laws regarding possession, sale, shipment, and export of pelts; open and closed seasons; and licenses, for the United States, Canadian Provinces, and Newfoundland.
148. DIVISION OF WILDLIFE RESEARCH. 1939. Status of the American bison in the United States and Alaska, 1939. Compiled in the Section of Wildlife Surveys, Division of Wildlife Research. 10 pp. Presents numbers of American bison (*Bison bison*) in the United States and Alaska in 1939, and includes tabulation of location and ownership of herds; number of males, females and calves in each herd; and State, and Nation totals.
149. UHLER, F. M., AND S. CREECH. 1939. Protecting field crops from waterfowl damage by means of reflectors and revolving beacons. 5 pp. Presents results of experiments on protecting buckwheat in Michigan, rice in Arkansas, and lettuce in Washington from waterfowl damage. Reflectors and revolving beacons are described and their construction is illustrated.

150. COOKE, M. T. 1940. Suggestions for bird field study. 7 pp.
Makes general suggestions for bird field studies regarding equipment, study areas and times, field identification, notekeeping, and organization. Includes list of useful books, periodicals, and pictures.
151. DIVISION OF WILDLIFE RESEARCH. 1940. Raising chinchillas in captivity. Prepared in the Section of Fur Resources, Division of Wildlife Research. 3 pp.
Describes the chinchilla (*Chinchilla laniger*), its habitat, importation, and fur value. Presents suggestions for feeding, breeding, pens, and dens.
152. DIVISION OF WILDLIFE RESEARCH. 1940. Suggested action program for sportsmen's organizations. 5 pp.
Presents opportunities for sportsman cooperation in educational programs; improving wildlife habitat; restocking, winter feeding, and predator programs; Federal and State law enforcement activities; and national and State conservation groups.
153. DIVISION OF WILDLIFE RESEARCH. 1940. The Biological Survey mammal collection. Prepared in the Section of Wildlife Surveys. 4 pp.
Discusses history of the Biological Survey and provides notes of interest on acquisition of the mammal collection.
154. HOTCHKISS, N. 1940. Flora of the Patuxent Research Refuge, Maryland. 34 pp.
Describes the refuge and ecology of the vegetation, and lists by scientific name 706 species of flowering plants and ferns in the area.
155. MAY, F. H. 1940. Raising mealworms. 2 pp.
Describes methods of raising mealworms (*Tenebrio molitor*) for feeding captive birds.
156. KATZ, M. 1940. Ornamental woody plants attractive to birds. 18 pp.
Discusses general considerations for attracting birds and lists important genera of woody plants, their ornamental value, and their use by birds. Scientific and common names of plants are given.
157. DIVISION OF WILDLIFE REFUGES. 1940. Sullys Hill National Game Preserve, North Dakota. 4 pp.
158. MCCLANAHAN, R. C. 1940. Original and present breeding ranges of certain game birds in the United States. 2 pp.
Provides maps of original and present [1940] ranges of 36 game bird species.
159. COTTAM, C., A. L. NELSON, AND L. W. SAYLOR. 1940. The chukar and Hungarian partridges in America. 6 pp.
Discusses the introduction and 1940 status of chukar (*Alectoris chukar*) and Hungarian, or gray, partridge (*Perdix perdix*).
160. MCATEE, W. L. 1940. Wildlife in land planning. 6 pp.
Values of wildlife and wildlife management are presented. Unfavorable alteration of the environment, restoration of the environment, and wildlife protection are discussed. Also noted are the value of and need for wildlife management, land-use management, and allotment of land for wildlife.
161. MCATEE, W. L. 1940. Wildlife technology. 5 pp.
Gives the origin of wildlife technology and mentions identification, range, migration, food, and cover techniques used in 1940. Emphasizes importance of wildlife technology in all areas of conservation.
162. COTTAM, C., AND F. M. UHLER. 1940. Birds as a factor in controlling insect depredations. 6 pp.
Discusses value of birds for controlling insect populations on a local basis.
163. NESTLER, R. B. 1940. Common salt as a curative for cannibalism among game birds in captivity. 2 pp.
Reports on investigations with northern bobwhite (*Colinus virginianus*).
164. KALMBACH, E. R. 1940. Research in the administration of Federal refuges. 7 pp.
Mentions Federal obligations imposed by treaties and legislation for waterfowl protection, and discusses research as a basis for management. Reviews waterfowl predator studies.
165. DIVISION OF WILDLIFE RESEARCH. 1940. The status of migratory game birds: 1939-40. Prepared in the Section of Distribution and Migration of Birds. 22 pp.
Reports on abundance of migratory waterfowl according to spring migration counts, breeding-ground surveys, fall migration counts, wintering-ground surveys, and the January inventory for 1939-40. Discusses starvation of ducks, cripples, and natural enemies. Other migratory game birds discussed are the American woodcock (*Scolopax minor*), mourning dove (*Zenaidura macroura*), American coot (*Fulica americana*), Sora (*Porzana carolina*), common snipe (*Gallinago gallinago*), white-winged dove (*Zenaidura asiatica*), and band-tailed pigeon (*Columba fasciata*).
166. MCKENNEY, F. D., AND E. L. VAIL. 1940. Infectious myxomatosis of domestic rabbits. 2 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-89 (1937).
167. SHILLINGER, J. E. 1940. Grubs in minks. 2 pp.
Describes symptoms of American mink (*Mustela vison*) affected by larvae of the fly (*Wohlfartia vigil*) and recommends treatment of wounds and methods of prevention.

168. LOOSLI, J. K., S. E. SMITH, AND L. A. MAYNARD. 1940. The digestibility of animal products and cereals by minks. 5 pp.
Presents results of experiments with 13 different diets, and analyzes their nutritional content and digestibility coefficients.
169. ENDERS, R. K. 1940. Mink breeding—elementary principles. 4 pp.
Describes female American mink (*Mustela vison*) reproductive system, ovulation, fertilization, and implantation. Provides recommendations for pairing animals and for determining whether impregnation has occurred.
170. DIVISION OF WILDLIFE RESEARCH. 1940. The annual fur catch of the United States. Prepared in the Section of Fur Resources. 21 pp.
171. KNAPPEN, P. 1940. The Java sparrow. 8 pp.
Describes the Java sparrow (*Padda oryzivora*), its distribution, sexual differences, color forms, and hybrids. Discusses importation regulations, feeding, and breeding.
172. KALMBACH, E. R. 1940. Suggestions for combating objectionable roosts of birds with special reference to those of starlings. 18 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-81 (1937).
173. TEMPLETON, G. S. 1940. Fryer rabbit production. 10 pp.
Suggests suitable domestic rabbit breeds, and proper breeding and feeding procedures.
174. GRIMES, F. G. 1940. Abstract of fur laws, 1940-41. 39 pp.
Presents 1940-41 provisions of State laws regarding possession, sale, shipment, and export of pelts; open and closed seasons; and licenses, for the United States, Canadian Provinces, and Newfoundland.
175. DIVISION OF WILDLIFE RESEARCH. 1940. Big-game inventory of the United States, 1939. Compiled in the Section of Wildlife Surveys. 11 pp.
Updates species population trends from *Wildlife Leaflet* BS-122.
176. PALMER, L. J. 1941. Animal and plant resources of Alaska. 12 pp.
Describes wildlife habitat, flora, and fauna of Alaska. Discusses importance and depletion of wildlife species and the need for proper management. Mentions wildlife research and administration of Alaskan wildlife in 1941.
177. SMITH, S. E., AND C. F. BASSETT. 1941. Horse meat for fur farms: its chemical composition. 7 pp.
Presents and discusses results of an experiment analyzing nutritional components of horse meat. Components measured were total moisture, crude protein, fat, and ash.
178. KELLOGG, C. E. 1941. Inheritance of degree of silvering in foxes. 8 pp.
Describes silvering and the value of silver pelts. Records results of 638 matings for improvement of silvering and provides a possible genetic explanation.
179. DIVISION OF WILDLIFE REFUGES. 1941. National wildlife refuges administered by the Fish and Wildlife Service. 8 pp.
Lists refuges by State and Territory, providing name, location, date of establishment, acreage, and principal protected species of each refuge.
180. DIVISION OF WILDLIFE RESEARCH. 1941. Aids for bird study. 9 pp.
Revises and updates *Wildlife Leaflet* BS-2 (1935).
181. GREEN, D. D., AND E. M. MILLS. 1941. The control of skunks. 4 pp.
Describes habits and signs of striped skunks (*Mephitis mephitis*). Discusses damage by skunks, preventive control and trapping, and State laws protecting skunks.
182. DIVISION OF WILDLIFE RESEARCH. 1941. Some publications of interest to upland game bird breeders. 7 pp.
Lists American and foreign publications regarding propagation and management of gallinaceous game birds and related subjects.
183. DIVISION OF WILDLIFE RESEARCH. 1941. Some publications of interest to waterfowl breeders. Prepared in the Section of Food Habits. 4 pp.
Lists American and foreign publications regarding propagation and management of waterfowl and related subjects.
184. DIVISION OF WILDLIFE RESEARCH. 1941. Publications on rabbits, covies, and other stock. Compiled in the Section of Fur Resources. 2 pp.
Supersedes *Wildlife Leaflet* BS-56 (1936).
185. COBURN, D. R. 1941. The preparation of blood smears and tissue impressions for laboratory study. 2 pp.
186. DIVISION OF PUBLIC RELATIONS. 1941. Available publications on wildlife. 9 pp.
Revises *Wildlife Leaflet* BS-4 (1937); does not include fisheries publications.
187. DIVISION OF WILDLIFE RESEARCH. 1941. Hints on the care of opossums. Prepared in the Section of Fur Resources. 2 pp.
Describes the opossum (*Didelphis marsupialis*), its distribution, and its habitat. Provides notes on breeding, pens, nest boxes, and feeding.

188. DIVISION OF WILDLIFE RESEARCH. 1941. Raising otters in captivity. Prepared in the Section of Fur Resources. 2 pp.
Describes the river otter (*Lutra canadensis*) and its habits. Provides information on food, breeding, and enclosures. Supersedes *Wildlife Leaflet* BS-75 (1936).
189. DIVISION OF WILDLIFE RESEARCH. 1941. Publications on the selection and care of furs. Prepared in the Section of Fur Resources. 1 p.
190. DIVISION OF PREDATOR AND RODENT CONTROL. 1941. Directions for destroying crawfishes. 2 pp.
Provides directions for fumigating burrows with carbon disulfide and heating them with a coal-tar and creosote cattle dip.
191. DIVISION OF WILDLIFE RESEARCH. 1941. Mink raising. Prepared in the Section of Fur Resources. 10 pp.
Revises and updates *Wildlife Leaflet* BS-82 (previously revised in 1937).
192. KATZ, M. 1941. Selected publications on waterfowl and gallinaceous game birds. 42 pp.
Lists U.S. and foreign publications, including indexes and abstracting publications.
193. DIVISION OF WILDLIFE RESEARCH. 1941. Directions for collecting materials for food habits studies. Prepared in the Section of Food Habits, Division of Wildlife Research. 7 pp.
Revises and updates *Wildlife Leaflet* BS-29 (1935).
194. DIVISION OF PREDATOR AND RODENT CONTROL. 1941. Publications on trapping. 2 pp.
Lists U.S. and foreign publications.
195. DIVISION OF PREDATOR AND RODENT CONTROL. 1931. Directions for poisoning thirteen-striped ground squirrels. 2 pp.
Provides formula for baits and directions for their use in poisoning thirteen-lined (formerly thirteen-striped) ground squirrels (*Spermophilus tridecemlineatus*).
196. DIVISION OF WILDLIFE RESEARCH. 1941. The status of migratory game birds: 1940-41. Prepared in the Section of Distribution and Migration of Birds. 28 pp.
Reports 1940-41 results of spring and fall migration counts, breeding ground surveys, wintering ground surveys in the United States and Mexico, and January inventory for migratory waterfowl. Also provides status of American woodcock (*Scolopax minor*), common snipe (*Gallinago gallinago*), rails, American coot (*Fulica americana*), mourning dove (*Zenaida macroura*), white-winged dove (*Z. asiatica*), and band-tailed pigeon (*Columba fasciata*).
197. DIVISION OF PREDATOR AND RODENT CONTROL. 1941. Directions for controlling tree squirrels. 2 pp.
Reviews legal protection of tree squirrels and describes authorized use of repellents, traps, and guns, when necessary for squirrel control.
198. DIVISION OF WILDLIFE RESEARCH. 1941. Raising muskrats. Prepared in the Section of Fur Resources. 2 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-35 (1937).
199. DIVISION OF WILDLIFE RESEARCH. 1941. Abstract of fur laws, 1941-42. Compiled in the Section of Fur Resources. 40 pp.
Presents 1941-42 provisions of State laws regarding possession, sale, shipment, and export of pelts; open and closed seasons; and licenses for the United States, Canadian Provinces, and Newfoundland.
200. MCATEE, W. L. 1941. Annotated list and index of *Wildlife Leaflets* 101-200. 20 pp.
Provides an abstract of each leaflet, a description of the series, and subject and author indexes.
201. DIVISION OF WILDLIFE RESEARCH. 1941. Publications on attracting birds. 6 pp.
Revises and updates *Wildlife Leaflet* BS-8 (1935).
202. TEMPLETON, G. S. 1941. Angora rabbit wool production. 10 pp.
Presents special considerations relating to the domestic (Angora) rabbit (*Oryctolagus cuniculus*) wool production and marketing.
203. DIVISION OF WILDLIFE RESEARCH. 1941. Raising badgers in captivity. 2 pp.
Revises and updates *Wildlife Leaflet* BS-32 (1936).
204. MOFFITT, J., AND C. COTTAM. 1941. Eelgrass depletion on the Pacific coast and its effect upon black brant. 26 pp.
Describes distribution of eelgrass (*Zostera marina*) and discusses its destruction on the Atlantic coast and resulting effects on waterfowl. Provides status of plant on Pacific coast of Alaska, British Columbia, Washington, Oregon, California, Baja California, and Mexico. Relates eelgrass fluctuations to brant (*Branta bernicla*) numbers and habits.
205. MAY, F. H. 1941. Raising mealworms. 2 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-155 (1940).
206. BASSETT, C. F. 1941. Seasonal fox rations and quantities to feed. 3 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-130 (1939).
207. DIVISION OF WILDLIFE RESEARCH. 1942. Big-game inventory of the United States, 1940. 10 pp.

- Revises *Wildlife Leaflet* BS-122.
208. DIVISION OF WILDLIFE RESEARCH. 1942. Publications on fur and fur animals. 5 pp.
Revises *Wildlife Leaflet* BS-36 (1936).
209. KELLOGG, C. E. 1942. Market classification and grading of muskrat pelts taken from Blackwater Refuge in 1941. 5 pp.
Classifies pelts according to color, sex, and age of animal, size of pelt, and season when taken.
210. HOTCHKISS, N. 1942. Check-list of marsh and aquatic plants of the United States. 35 pp.
Lists plants by scientific and common name. Excludes algae (except Characeae) and species characteristic of wooded swamps and peat bogs.
211. DIVISION OF WILDLIFE RESEARCH. 1942. The Biological Surveys mammal collection. 5 pp.
Revises and updates *Wildlife Leaflet* BS-153 (1940).
212. DIVISION OF WILDLIFE RESEARCH. 1942. Care of buffaloes. 8 pp.
Provides notes on enclosures, handling methods, and the hybrid cattaloes. Discusses forage and mineral requirements, growth, development, diseases, and parasites of the American bison (*Bison bison*).
213. VAIL, E. L. 1942. Infectious myxomatosis of domestic rabbits. 3 pp.
Revised from *Wildlife Leaflet* BS-166 (1940).
214. DIVISION OF WILDLIFE RESEARCH. 1942. Care of white mice and rats. 2 pp.
Discusses feeding, breeding, and cages of white mice and rats.
215. ENDERS, R. K. 1942. Sperm studies as a guide in fur-animal breeding practice. 3 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-138 (1939).
216. FLETCHER, C. C. 1942. Rabbit manure as a fertilizer. 4 pp.
Discusses value of rabbit manure as a fertilizer and compares it to other animal manures.
217. CROUCH, W. E. 1942. War and wildlife. 4 pp.
Summarizes effects of World War I on conservation and suggests application of this knowledge to existing conditions in World War II.
218. TEMPLETON, G. S. 1942. Domestic rabbits in the food for freedom program. 8 pp.
Discusses raising rabbits for home consumption. Includes information on choosing a breed, selecting breeding stock, hutches and equipment, rabbit care, feeding, slaughtering, skinning, pelt care, and commercial production.
219. DIVISION OF WILDLIFE RESEARCH. 1942. Raising guinea pigs. 2 pp.
Revises and updates *Wildlife Leaflet* BS-52 (1936).
220. KALMBACH, E. R. 1942. Blackbirds and grain crops in the eastern United States. 5 pp.
Presents legal status of red-winged blackbirds (*Agelaius phoeniceus*), boat-tailed grackles (*Quiscalus major*), common grackles (*Q. quiscula*), and yellow-headed blackbirds (*Xanthocephalus xanthocephalus*). Discusses control methods including shooting, frightening, and poisoning. Also mentions avoiding damage through changes in agricultural practices.
221. LINCOLN, F. C. 1942. Treatment of oil-soaked birds. 2 pp.
Discusses cleaning and treatment of oil-soaked birds, and refers to the Oil Pollution Act of 1924.
222. DIVISION OF WILDLIFE RESEARCH. 1942. Laboratory procedure in wildlife food studies. 11 pp.
Presents methods of analysis of stomachs, crops, droppings, pellets, intestinal material, cheek-pouch material, and nest and den debris for wildlife food studies. Discusses recording data and storage of examined material.
223. DIVISION OF WILDLIFE RESEARCH. 1942. Natural plantings for attracting waterfowl to marsh and other water areas. 4 pp.
Revises and updates *Wildlife Leaflet* BS-125 (1939).
224. COTTAM, C., AND F. M. UHLER. 1942. Birds as a factor in controlling insect depredations. 6 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-162 (1940).
225. DIVISION OF WILDLIFE RESEARCH. 1942. The status of migratory game birds: 1941-42. 9 pp.
Reports 1941-42 results of spring and fall migration counts, breeding-ground surveys, wintering-ground survey, and January inventory for migratory waterfowl. Provides status of American woodcock (*Scolopax minor*), common snipe (*Gallinago*), rails, American coot (*Fulica americana*), mourning dove (*Zenaida macroura*), white-winged dove (*Z. asiatica*), and band-tailed pigeon (*Columba fasciata*).
226. DIVISION OF WILDLIFE RESEARCH. 1942. Abstract of fur laws, 1942-43. 43 pp.
Revises *Wildlife Leaflet* BS-118 (1938). Mentions the Lacey Act and the effect of World War II on fur trapping.
227. SATER, E. N. 1942. Wildlife contributions to the Nation's war program. 13 pp.
Discusses mostly fisheries programs but also includes programs in 1) damage control by predators and rodents, 2) cooperation in production and use

- of furs, 3) regulation of game harvest, and 4) protection of wildlife in Alaska and on refuges.
228. COOKE, M. T. 1942. Suggestions for bird field-study. 7 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-150 (1940).
229. DOZIER, H. L. 1942. Recipes for cooking muskrat meat. 5 pp.
230. MCKENNEY, F. D. 1943. Sanitation in domestic rabbitries. 4 pp.
Reissued from *Wildlife Leaflet* BS-86 (1937).
231. MCKENNEY, F. D., AND J. E. SHILLINGER. 1943. Vent diseases of domestic rabbits. 4 pp.
Reissued from *Wildlife Leaflet* BS-79 (1937).
232. DIVISION OF WILDLIFE RESEARCH. 1943. Annual fur catch of the United States. 22 pp.
Lists fur catch by species for 39 States and Alaska for each of various years from 1934-41.
233. DIVISION OF WILDLIFE RESEARCH. 1943. Poisonous snakes of the United States. 17 pp.
Revises and updates *Wildlife Leaflet* BS-70 (1936).
234. DIVISION OF PREDATOR AND RODENT CONTROL. 1943. Directions for destroying house mice. 3 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-78 (1937).
235. LINCOLN, F. C. 1943. Birdbanding. 5 pp.
Revises and updates *Wildlife Leaflet* BS-145 (1939).
236. DIVISION OF PREDATOR AND RODENT CONTROL. 1943. Protecting victory gardens from animal pests. 6 pp.
Suggests control methods for cottontails, moles, pocket gophers, field mice, ground squirrels, woodchucks, rats, and birds.
237. DIVISION OF PREDATOR AND RODENT CONTROL. 1943. Control of woodchucks. 4 pp.
Suggests gassing as most applicable for gray marmots (*Marmota monax*) and poisoning as most applicable for hoary marmots (*Marmota caligata*) and yellow-bellied marmots (*Marmota flaviventris*).
238. JEWETT, S. G. 1943. Klamath Basin National Wildlife Refuges, Oregon and California. 18 pp.
Discusses the history of the region and the four refuges: Upper Klamath, Lower Klamath, Tule Lake, and Clear Lake. Discusses life zones and noteworthy features, and lists birds and mammals. Provides information about other refuges.
239. DIVISION OF WILDLIFE RESEARCH. 1943. Enteritis, or so-called bloat, in domestic rabbits. 1 p.
Discusses enteritis (bloat) its symptoms in domestic rabbits, and its characteristics in post-mortem examination.
240. DIVISION OF PUBLIC RELATIONS. 1943. Recipes for cooking domestic rabbit meat. 17 pp.
241. VAIL, E. L. 1943. Control of coccidiosis in rabbits. 1 p.
Reissued from *Wildlife Leaflet* BS-116 (1938).
242. TEMPLETON, G. S. 1943. Rabbit-pen construction in relation to sore hocks. 2 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-139 (1939).
243. DIVISION OF WILDLIFE RESEARCH. 1944. Raising martens in captivity. 3 pp.
Revises and updates *Wildlife Leaflet* BS-63 (1936).
244. BELLAMY, A. W. 1943. Inheritance of "woolly" in rabbits. 4 pp.
Reissued from *Wildlife Leaflet* BS-73 (1936).
245. VAIL, E. L., AND F. D. MCKENNEY. 1943. Diarrhea in domestic rabbits. 1 p.
Discusses cause, symptoms, prevention, and control of diarrhea in domestic rabbits.
246. RASMUSSEN, D. I., AND M. D. WILDE. 1943. Save game meat—it is valuable. 5 pp.
Discusses treatment of game carcasses in the field and in storage, and describes curing of wild meat. Tabulates amount of usable flesh obtainable from deer of various weights.
247. KELLOGG, C. E. 1943. Feed costs of producing young rabbits to weaning age. 3 pp.
Revises and updates *Wildlife Leaflet* BS-21 (1935).
248. TEMPLETON, G. S. 1944. Malocclusion, or "buck teeth" in rabbits. 4 pp.
Presents and discusses results of experiments on malocclusion, its causes, and its treatment. Suggests methods for eradicating the disease from rabbit herds.
249. ASHBROOK, F. G. 1943. Abstract of fur laws, 1943-44. 43 pp.
Revises *Wildlife Leaflet* 226 (1942).
250. DIVISION OF WILDLIFE RESEARCH. 1943. The status of migratory game birds: 1942-43. 11 pp.
Revises *Wildlife Leaflet* 225 (1942).
251. DIVISION OF WILDLIFE RESEARCH. 1944. Raising raccoons. 2 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-34 (1936).
252. KALMBACH, E. R. 1944. Local control of magpies through destroying nests and roosts and through trapping. 4 pp.

- Reissued with minor revisions from *Wildlife Leaflet* BS-51 (1938).
253. DIVISION OF WILDLIFE RESEARCH. 1944. Annual fur catch of the United States. 21 pp.
Reports on harvest of fur species in the early 1940's in Alaska, the Pribilof Islands, and the United States.
254. DIVISION OF WILDLIFE RESEARCH. 1944. Control of vagrant domestic pigeons. 4 pp.
Discusses origin and status of feral pigeons, or rock doves, (*Columba livia*) and suggests control methods including eliminating roosting and nesting perches, frightening, trapping, shooting, poisoning, and gassing.
255. TEMPLETON, G. S. 1944. Value and use of rabbit manure. 4 pp.
Discusses composition of rabbit manure, its value as a fertilizer, quantity produced, and storage methods.
256. IMLER, R. H. 1944. Electric beacons used to frighten wild ducks from grainfields. 5 pp.
Describes and illustrates a beacon and reports on tests of it in North Dakota and Colorado.
257. DIVISION OF WILDLIFE RESEARCH. 1944. Facts about snakes. 10 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-103 (1938).
258. DIVISION OF WILDLIFE RESEARCH. 1944. List of fox and fur breeders associations. 5 pp.
259. DIVISION OF WILDLIFE RESEARCH. 1944. Care of parrots. 16 pp.
Discusses species selection, housing, general care, feeding, grit, and breeding. Suggests methods for teaching parrots. Includes information on parrot maladies and psittacosis (parrot fever). Reviews importation, inspection, and quarantine, and provides a list of publications about parrots.
260. SILVER, J. 1944. Eliminating bats from buildings. 4 pp.
Describes bats, their habits, and their economic status. Recommends control methods, including bat-proofing buildings, using repellents, and fumigating.
261. DIVISION OF WILDLIFE RESEARCH. 1944. Status of migratory game birds: 1943-44. 10 pp.
Revises *Wildlife Leaflet* BS-165 (1940).
262. ASHBROOK, F. G. 1944. Abstract of fur laws, 1944-45. 43 pp.
Revises *Wildlife Leaflet* BS-118 (1938).
263. ANONYMOUS. 1944. Manufacturers of traps. 1 p.
264. SPENCER, H. J. 1944. Emetic agent in toxic rat bait, a safeguard for dogs and cats. 5 pp.
Reviews earlier studies with copper sulfate and zinc phosphide used in control of field mice. Presents and discusses results of tests of antimony oxide, copper sulphate, zinc sulfate, and tartar emetic (antimony potassium tartrate) on dogs, cats, and Alexandrine rats (*Rattus rattus alexandrinus*).
265. NESTLER, R. B. 1945. Some publications on upland game birds. 11 pp.
Includes publication on pheasants, quails, grouse, partridges, wild turkeys (*Meleagris gallopavo*), and guinea fowl.
266. TEMPLETON, G. S. 1945. Selection and preparation of rabbit rations. 6 pp.
Discusses suitable feeds and feed requirements. Explains feed purchasing, preparation and storage, and preparation of rations.
267. NESTLER, R. B. 1945. Some recent publications on management and propagation of waterfowl. 5 pp.
Reissued and updated from *Wildlife Leaflet* 183 (1941).
268. NEFF, J. A. 1945. Protecting home gardens and small fruits from attack by birds. 14 pp.
Lists birds commonly involved and their legal status. Control methods described include covering plants, removing resting places, destroying nests, eliminating accessible poultry feeds, shooting, trapping, using chemical repellents, frightening and poisoning. Provides notes on injurious animals.
269. DIVISION OF PREDATOR AND RODENT CONTROL. 1945. How to control vagrant cats. 3 pp.
Mentions habits and status of vagrant cats. Describes homemade cat trap and provides notes on commercial traps and trapping methods.
270. DIVISION OF WILDLIFE RESEARCH. 1945. Winter nest boxes for rabbits. 2 pp.
Describes nest boxes and suggests ways to care for the litter.
271. DIVISION OF WILDLIFE RESEARCH. 1945. Tularemia, an animal-borne disease. 4 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-5 (1935).
272. COTTAM, C., AND F. M. UHLER. 1945. Birds in relation to fishes. 16 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-83 (1937).
273. DIVISION OF WILDLIFE REFUGES. 1945. Malheur National Wildlife Refuge, Oregon. 8 pp.
Provides general discussion of topography, history, birds, mammals, and interesting features of the

- refuge. Mentions the refuge birdbanding program, and provides tourist information and an economic use statement.
274. DIVISION OF WILDLIFE RESEARCH. 1945. Status of migratory game birds: 1944-45. 10 pp.
Revised from *Wildlife Leaflet* BS-165 (1940).
275. HORN, E. E. 1945. Some California wildlife-forest relationships. 5 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-132 (1939).
276. DIVISION OF WILDLIFE RESEARCH. 1945. Annual fur catch of the United States. 22 pp.
Revised and updated from *Wildlife Leaflet* 232 (1943).
277. DIVISION OF WILDLIFE RESEARCH. 1945. Sources of big-game animals. 2 pp.
Lists Federal government and commercial agencies that occasionally supply surplus game.
278. ANONYMOUS. 1947. Duck-food plants available from dealers. 7 pp.
Listed by common and scientific name.
279. ASHBROOK, F. G. 1945. Abstract of fur laws, 1945-46. 48 pp.
Revised from *Wildlife Leaflet* BS-118 (1938).
280. DIVISION OF WILDLIFE RESEARCH. 1945. Dealers in amphibians and reptiles. 3 pp.
281. DIVISION OF WILDLIFE RESEARCH. 1945. Dealers in upland game birds. 35 pp.
282. DIVISION OF INFORMATION. 1946. History and significance of American wildlife. 16 pp.
Combines and revises *Wildlife Leaflets* BS-108 (1938) and BS-126 (1939).
283. DIVISION OF WILDLIFE RESEARCH. 1946. Big-game inventory of the United States, 1943. 11 pp.
Revises *Wildlife Leaflet* BS-122 (1939).
284. KELLOGG, C. E. 1946. Polygamous mating of foxes. 4 pp.
Revises and updates *Wildlife Leaflet* BS-66 (1936).
285. KNAPPEN, P. 1946. Publications on cage birds. 13 pp.
Revises and updates *Wildlife Leaflet* BS-6 (1935).
286. DIVISION OF WILDLIFE RESEARCH. 1946. Suggestions for care and rearing of ferrets. 2 pp.
Discusses food, pens, reproduction, and health of ferrets.
287. DIVISION OF WILDLIFE RESEARCH. 1946. Facts about 1080. 2 pp.
Discusses the chemical 1080 (sodium fluoroacetate), its characteristics, and its toxicity for various animals. Provides directions for its use in rat control, and suggests treatment for accidental ingestion by humans.
288. DIVISION OF WILDLIFE RESEARCH. 1946. Facts about ANTU. 2 pp.
Describes alphanaphthylthiourea, its characteristics, and its toxicity to rats and other animals. Provides directions for its use in rat control.
289. DIVISION OF WILDLIFE RESEARCH. 1946. Raising deer in captivity. 9 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-144 (1939).
290. DIVISION OF WILDLIFE RESEARCH. 1946. Annual fur catch of the United States. 22 pp.
Revised from *Wildlife Leaflet* BS-118 (1938).
291. ASHBROOK, F. G. 1946. Abstract of fur laws, 1946-47. 49 pp.
Revised from *Wildlife Leaflet* BS-118 (1938).
292. ALDRICH, J. W. 1947. The Hungarian and chukar partridges in America. 10 pp.
Discusses introductions, habitat requirements, and history and success of stocking ventures of the gray (formerly Hungarian) partridge (*Perdix perdix*) and the chukar (*Alectoris chukar*).
293. CHARTERS, E. M. 1947. Bibliography on walrus. 14 pp.
294. LINCOLN, F. C. 1947. Keeping up with the waterfowl. 10 pp.
Describes methods of waterfowl population estimation. Briefly discusses flyways, banding returns, refuge system, and waterfowl crop damage. Provides maps of principal waterfowl breeding and wintering ranges, and the flyways with their refuge systems.
295. ROBINETTE, W. L. 1947. Deer mortality from gunshot wounds. 8 pp.
Describes a study of losses in mule deer (*Odocoileus hemionus*) from crippling in Fishlake National Forest, Utah, and discusses results.
296. SWANSON, G., AND L. E. YEAGER. 1947. Colleges and universities offering courses in wildlife management, 1946-47. 15 pp.
Revises and updates *Wildlife Leaflet* BS-98 (1937). Includes preparation for wildlife work in research, administration, management, teaching, extension, outdoor writing, photography, and art. Mentions employment opportunities.
297. ASHBROOK, F. G. 1947. Abstract of fur laws, 1947-48. 46 pp.
Revises *Wildlife Leaflet* BS-118 (1938).

298. ASHBROOK, F. G. 1947. Annual fur catch of the United States. 24 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
299. SALYER, J. C. II. 1948. Directory of national wildlife refuges. 6 pp.
Lists refuges according to regions and provides names and addresses of regional directors and refuge managers.
300. DIVISION OF INFORMATION. 1949. Annotated list and index of *Wildlife Leaflets* 201-300. 27 pp.
Revises *Wildlife Leaflet* BS-100 (1938).
301. JONES, J. C., AND E. M. MILLS. 1948. Dealers in rodenticides. 3 pp.
302. DIVISION OF WILDLIFE RESEARCH. 1948. Feeding and caring for squirrels. 2 pp.
Describes food, cages, and nests for raising squirrels, and suggests sanitation measures.
303. DIVISION OF WILDLIFE RESEARCH. 1948. Big-game inventory of the United States, 1946. 13 pp.
Reissued from *Wildlife Leaflet* BS-122 (1939).
304. TAYLOR, W. P. 1948. Outlines for the study of mammalian ecology and life histories. 26 pp.
Discusses the mammalian community and wildlife management and describes study methods and equipment. Presents background data including work preparation, environment, heredity, animal-plant relations, mammalian life histories, and lower mammal-man relations. Suggests such subjects for study as 1) environmental influences on mammals, 2) mammalian influences on environment, 3) life histories, 4) structure and behavior, and 5) lower mammals and man.
305. AUSTIN, O. L., COMPILER. 1948. Japanese ornithology and mammalogy during World War II: an annotated bibliography. 1948. 45 pp.
Provides an annotated bibliography of publications about birds and mammals in Japan from 1941-1947. Includes a section on periodicals.
306. DOZIER, H. L. 1948. Estimating muskrat populations by house counts. 17 pp.
Discusses house count as a population index for muskrat (*Ondatra zibethica*) and describes different structures including nesting houses, feeding huts, push-up (or breathers), bank leads, den burrows, and temporary and semi-permanent retreats. Muskrat census methods mentioned are transects, roadside counts, ground strip counts, and aerial censuses. Presents normal range and movements, and numbers of animals per house. Relates population estimation to regulatory trapping laws.
307. BRANCH OF WILDLIFE RESEARCH. 1948. Two home-made traps for English sparrows. 9 pp.
Discusses United States history of house sparrows (*Passer domesticus*) and their economic status. Describes damage prevention and control methods, including use of nest boxes and funnel traps.
308. NEFF, J. A. 1948. Protecting crops from damage by horned larks in California. 11 pp.
Reissued from *Wildlife Leaflet* BS-64 (1936).
309. ALLEN, D. L. 1948. Wildlife management in land-use programs. 6 pp.
Discusses soil, soil conservation, and wildlife. Includes notes on land productivity and wildlife values. Describes government programs, national planning, and a need for public awareness.
310. ALDOUS, S. E., AND C. F. SMITH. 1948. Fall and winter food habits of deer in northeastern Minnesota. 10 pp.
Reissued with minor revisions from *Wildlife Leaflet* BS-137 (1939).
311. MCATEE, W. L. 1948. Wildlife technology. 6 pp.
Reissued with slight revisions from *Wildlife Leaflet* BS-161 (1940).
312. HOSLEY, N. W. 1949. The moose and its ecology. 51 pp.
Discusses distribution, economics, and life history of moose (*Alces alces*). Describes characteristics affecting management including social habits, movements, foods and feeding, cover, and senses of moose. Other influential characteristics are populations, moose-beaver relations, decimating factors, carrying capacity, and productivity. Techniques of management include census methods, range improvement, stocking, sanctuaries, protection, and regulated hunting.
313. HOMMEL, M. L. 1948. Organizations and officials concerned with wildlife protection: 1948. 33 pp.
Lists governmental and nongovernmental organizations in the United States, Canada, Newfoundland, Mexico, West Indies, Central America, South America, and the Philippines.
314. ASHBROOK, F. G. 1948. Fur an important wildlife crop. 6 pp.
Describes the fur trade as a big business and suggests how to produce more and better furs. Mentions breeding stock produced on farms and refuges.
315. ASHBROOK, F. G. 1948. Annual fur catch of the United States [1948]. 24 pp.; 1950. Annual Fur Catch of the United States [1949]. 23 pp.; 1951. Annual Fur Catch of the United States [1950]. 25 pp.; 1952. Annual Fur Catch of the United States [1951]. 24 pp.

- Reissued from *Wildlife Leaflet* BS-140 (1939).
316. ASHBROOK, F. G. 1948. Abstract of fur laws, 1948-49. 42 pp.
Reissued from *Wildlife Leaflet* BS-118 (1938).
317. JACKSON, H. H. T., E. M. CHARTERS, A. J. DUVALL, AND S. F. HILDEBRAND. 1949. Literature on the natural history of the Arctic region; with special reference to Alaska and Canada. 48 pp.
318. SPENCER, D. A. 1949. Management methods and safeguards employed in reductional control of injurious wildlife. 9 pp.
Reissued from *Wildlife Leaflet* BS-115 (1938). Additions include a more thorough discussion of poisons, their use, and safeguards.
319. ASHBROOK, F. G. 1949. Nutrias grow in the United States. 14 pp.
Describes nutrias (*Myocastor coypus*) and discusses captivity, import, release, and escape. Explains feeding habits, breeding, and reproduction. Mentions trapping, pelt preparation, and nutria meat as food.
320. ALDOUS, S. E. 1949. Experimental planting of food and cover for deer. 9 pp.
Reports on experimental food and cover plantings of balsam fir (*Abies balsamea*) and black spruce (*Picea mariana*). Includes plantings in deer yards and newly cleared forests and discusses planting versus natural regeneration.
321. BRANCH OF WILDLIFE RESEARCH. 1949. Big-game inventory of the United States, 1947. 3 pp.; 1950. Big-game inventory of the United States, 1948. 3 pp.; 1951. Inventory of big-game animals of the United States, 1949. 3 pp.
Reissued from *Wildlife Leaflet* BS-122 (1939).
322. BRANCHES OF WILDLIFE RESEARCH AND PREDATOR AND RODENT CONTROL. 1949. Publications on fur animals and trapping. 4 pp.
Includes American, Canadian, and European periodicals, U.S. Department of the Interior publications, and other publications.
323. DAY, A. M. 1949. Old man of the Pribilofs. 13 pp.
Discusses northern fur seals (*Callorhinus ursinus*) in the Pribilof Islands, Alaska, and their life history. Presents history of fur sealing, regulations, the Pribilof Islands, and fur seal populations. Describes hunting and processing of seals. Mentions recent [1949] fur seal investigations.
324. MARTIN, A. C. 1950. Literature references on waterfowl. 10 pp.
325. MARTIN, A. C. 1949. Procedures in wildlife food studies. 10 pp.
- Explains removing, preserving, labeling, and recording of stomachs and other food study materials. Describes examination procedures such as preparation, segregation, identification, and computation.
326. ASHBROOK, F. G. 1949. Abstract of fur laws, 1949-50. 42 pp.; 1950. Abstract of fur laws, 1950-51. 45 pp.; 1951. Abstract of fur laws, 1951-52. 43 pp.
Reissued from *Wildlife Leaflet* BS-118 (1938).
327. LINCOLN, F. C. 1950. Birds protected by Federal law. 13 pp.
Discusses the Migratory Bird Treaty Act of 1918 and its amendment in 1936. Mentions the establishment of the Alaska Game Commission in 1925 and the approval of the Protection of the Bald Eagle Act in 1940. Provides a current [1950] list of species under protection of the Migratory Bird Treaty Act, including species protected only in Alaska.
328. SPENCER, D. A. 1950. The porcupine, its economic status and control. 7 pp.
Describes North American (Canadian) porcupines (*Erethizon dorsatum*) and yellow-haired porcupine (*Erethizon epixanthum*) and discusses their habits, breeding, and feeding. Discusses the economic status of the porcupine, and suggests hunting, trapping, fencing, and poisoning as control methods.
329. SCHEFFER, V. B. 1950. The food of the Alaska fur seal. 16 pp.
Describes feeding habits in the wild and in captivity, and stomach contents of the Northern fur seal (*Callorhinus ursinus*) in Alaska.
330. KRINOWITZ, A. 1950. Organizations and officials concerned with wildlife protection, 1950. 35 pp.
Supersedes *Wildlife Leaflet* 313 (1948). Replaced in 1951 by the Animal Conservation Directory, published by the National Wildlife Federation.
331. HERMAN, C. M. 1950. Trichomoniasis, disease of mourning doves. 2 pp.
Describes the parasite *Trichomonas gallinae* and its effects on mourning doves (*Zenaida macroura*). Discusses transmission of the disease.
332. DALE, F. H. 1951. Ringneck [*sic*] pheasant management. 3 pp.
Discusses land management for ring-necked pheasants (*Phasianus colchicus*) and suggests measures for pheasant propagation.
333. SILVER, J., AND J. C. JONES. 1951. Control of bats. 4 pp.
Presents facts about bats and damage they cause. Suggests control methods such as repellents, bat-proof buildings, and fumigation.

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334. DUMONT, P. A. 1951. National Wildlife Refuge bibliography. 53 pp.
Publications are listed in two sections: 1) Refuge history, establishment, location, and legislation; and 2) habitat improvement, management, migration, and research.
335. DALE, F. H. 1951. Bobwhite propagation and management. 4 pp.
Presents some problems in northern bobwhite (*Colinus virginianus*) management and propagation. Provides sources for detailed information.
336. [Not issued]
337. BRANCH OF PREDATOR AND RODENT CONTROL. 1952. Characteristics of common rodenticides. 4 pp.
Classifies common rodenticides according to toxicity, dosage levels, relative effectiveness, degree of acceptance, development of tolerances, odor, taste, solubility, and safety precautions. Compounds discussed are ANTU (alphanaphthylthiourea), arsenic trioxide, arsenous oxide (micronized), barium carbonate, yellow phosphorus, red squill (fortified), sodium fluoroacetate (compound 1080), strychnine (alkaloid), strychnine sulfate, thallium sulfate, warfarin, and zinc phosphide.
338. WILKE, F. 1952. Pelagic fur seal research off Japan in 1950. 35 pp.
Presents and discusses results of fur seal population studies in Japan from 1948 to 1950.
339. STICKEL, W. H. 1952. Venomous snakes of the United States and treatment of their bites. 29 pp.
Describes distribution, recognition, and natural history of venomous snakes in the United States. Discusses protection and treatment of snake bites for humans and livestock.
340. BRANCH OF PREDATOR AND RODENT CONTROL. 1952. Pocket gopher control. 6 pp.
Describes pocket gophers and their habits. Describes toxic baits and trapping as control methods, and provides bait formulas.
341. BRANCH OF WILDLIFE REFUGES. 1952. Availability of surplus big-game animals on National Wildlife Refuges. 6 pp.
Supersedes *Wildlife Leaflet* 277 (1945).
342. BRANCH OF WILDLIFE RESEARCH. 1952. Inventory of big-game animals of the United States, 1950. 5 pp.
Reissued from *Wildlife Leaflet* BS-122 (1939). Includes the wild turkey (*Meleagris gallopavo*) in inventory.
343. ASHBROOK, F. G. 1952. Abstract of fur laws, 1952-53. 43 pp.
Reissued from *Wildlife Leaflet* BS-118 (1938).
344. KENYON, K. W., AND V. B. SCHEFFER. 1953. The sea otter, sea lions, and seals of the West Coast. 28 pp.
Provides descriptions, sketches, and photographs for identification of six species of seal-like mammals of the Pacific Coast.
345. STICKEL, W. H. 1953. Control of snakes. 8 pp.
Mentions recognition of dangerous snakes and discusses their control around buildings with snake-proof fences, food and cover removal, use of domestic animals, and persistent killing. Control at fish hatcheries includes water poisoning, funnel traps, burrow fumigation, and use of hogs. Den trapping and gassing are described. Supersedes *Wildlife Leaflet* 257 (1944).
346. ASHBROOK, F. G. 1953. Annual fur catch of the United States [1952]. 24 pp.
Reissued from *Wildlife Leaflet* BS-140 (1939).
347. ASHBROOK, F. G. 1953. Abstracts of fur laws, 1953-54. 41 pp.
Reissued from *Wildlife Leaflet* BS-118 (1938).
348. HICKIE, P. 1953. Inventory of big-game animals of the United States, 1952. 3 pp.
Reissued from *Wildlife Leaflet* BS-342 (1952).
349. BRANCH OF PREDATOR AND RODENT CONTROL. 1953. Control of house mice. 4 pp.
Describes house mice (*Mus musculus*), their habits, and how they affect public health. Presents trapping, poisoning, eliminating suitable habitat, and using repellents as control methods.
350. ROSENE, W., JR. 1953. Growing bicolor lespedeza in southeastern States. 3 pp.
Describes bicolor or shrub lespedeza (*Lespedeza bicolor*) as an asset in northern bobwhite (*Colinus virginianus*) habitat. Provides planting information, proper location and soils, and continued maintenance.
351. WEBSTER, C. G. 1954. Nest boxes for wood ducks. 9 pp.
Describes construction, location, and erection of wood and metal wood duck (*Aix sponsa*) nest boxes. Discusses nesting material and use of nest boxes by other wildlife.
352. LEEDY, D. L. 1954. Wildlife training and employment. 10 pp.
Describes knowledge necessary for the following aspects of wildlife work: 1) research; 2) administration and management; 3) teaching and extension; 4) outdoor writing; and 5) wildlife photography and

- art. Discusses undergraduate and graduate training offered, courses and facilities, and employment opportunities. Provides lists of colleges and universities offering wildlife training.
353. CAROLINE, M. 1953. Cotton rats. 2 pp.
Describes cotton rats, their habits, and control techniques.
354. ELLIOTT, H. N. 1953. Wood rats. 2 pp.
Describes wood rats, their habits, disease transmission, and control measures.
355. LUDEMAN, J. A. 1953. Tree squirrels and chipmunks—their habits and controls. 5 pp.
Describes tree squirrels and chipmunks, their habits, and control methods including repellents, trapping, shooting, and poisoning.
356. BRANCH OF PREDATOR AND RODENT CONTROL. 1957. Ground squirrels and their control. 2 pp.
Describes prairie dogs, their habits, and control methods.
357. BRANCH OF PREDATOR AND RODENT CONTROL. 1956. Prairie dogs and their control. 4 pp.
Briefly describes muskrats (*Ondatra zibethicus*), their life history, and control methods.
358. MERRILL, H. A. 1953. Muskrats. 2 pp.
Briefly describes muskrat (*Ondatra zibethicus*), their habits, and control methods including trapping, barriers, and chemicals.
359. BRANCH OF PREDATOR AND RODENT CONTROL. 1955. The opossum. 2 pp.
Describes opossums (*Didelphis marsupialis*) and discusses their reproduction, habitat, food habits, predators, and control measures.
360. BRANCH OF PREDATOR AND RODENT CONTROL. 1953. Weasels and their control. 1 p.
Describes weasels, their predation on domestic fowl, and control methods.
361. BRANCH OF PREDATOR AND RODENT CONTROL. 1950. Use of warfarin for the control of rats and mice. 4 pp.
Discusses warfarin, its use as a rat and mouse poison, and its danger to other animals. Describes how warfarin is used in baits, how it should be applied, and where it can be obtained. Mentions warfarin's advantages over other controls and illustrates protected feeding stations.
362. ASHBROOK, F. G. 1954. Annual fur catch of the United States, 1953-54. 24 pp.
Reissued from *Wildlife Leaflet* BS-140 (1939).
363. ASHBROOK, F. G. 1954. Abstract of fur laws, 1954-55. 39 pp.
Reissued from *Wildlife Leaflet* BS-118 (1938).
364. HICKIE, P. 1954. Inventory of big-game animals of the United States. 3 pp.
Reissued from *Wildlife Leaflet* 342 (1952).
365. NEFF, J. A., AND R. T. MITCHELL. 1955. The rope firecracker; a device to protect crops from bird damage. 8 pp.
Briefly describes bird damage problems with agriculture. Discusses materials used, preparation, weatherproofing, and setting up of rope firecrackers. Offers general cautions and suggestions.
366. BRANCH OF WILDLIFE REFUGES. 1955. Public use of National Wildlife Refuges, 1954. 4 pp.
Tabulates 1) total days visitor use, 2) hunting use, 3) fishing use, and 4) miscellaneous use for each National Wildlife Refuge in 1954.
367. ASHBROOK, F. G. 1955. Fur catch in the United States, 1949-54. 24 pp.
Reissued from *Wildlife Leaflet* BS-140 (1939). Supersedes *Wildlife Leaflets* 315, 346, and 362.
368. BRANCH OF WILDLIFE REFUGES. 1955. List of information on the National Wildlife Refuges, 1955. 2 pp.
Lists Fish and Wildlife Service publications describing refuge areas, species protected, and recreational opportunities. Includes refuge bird lists.
369. DIVISION OF INFORMATION. 1955. List of Fish and Wildlife Service informational leaflets on wildlife. 2 pp.
370. DIVISION OF INFORMATION. 1955. List of Fish and Wildlife Service printed publications on wildlife. 2 pp.
371. WEBSTER, C. G. 1955. Selected references on controlled shooting and artificial propagation of wild ducks. 3 pp.
372. BRANCH OF WILDLIFE REFUGES. 1955. List of National Wildlife Refuges, 1955. 11 pp.
Reissued and updated from *Wildlife Leaflet* 179 (1952).
373. BRANCH OF WILDLIFE RESEARCH. 1956. Bird banding. 9 pp.
Revises and updates *Wildlife Leaflet* BS-145 (1939).
374. BRANCH OF GAME MANAGEMENT. 1956. Text of some Federal laws on wildlife protection. 47 pp.
Provides texts of: 1) convention between the United States and Great Britain for migratory bird protection in the United States and Canada, 2) convention between the United States and the United Mexican States for migratory bird and game animal protection, and 3) titles 16, 18, and 19 of the U.S. code.

375. BRANCH OF WILDLIFE REFUGES. 1956. Public use of National Wildlife Refuges, 1955. 4 pp.
Reissued from *Wildlife Leaflet* 366 (1955).
376. BRANCH OF WILDLIFE RESEARCH. 1956. Inventory of big-game animals of the United States, 1954. 3 pp.
Reissued from *Wildlife Leaflet* 342 (1952).
377. BRANCH OF WILDLIFE REFUGES. 1956. 1956 Address list of refuge managers. 8 pp.
378. BULLARD, C. O. 1956. List of Fish and Wildlife Service informational leaflets on wildlife. 2 pp.
Supersedes *Wildlife Leaflet* 369 (1955).
379. BULLARD, C. O. 1956. List of Fish and Wildlife Service printed publications on wildlife. 2 pp.
Supersedes *Wildlife Leaflet* 370 (1955).
380. ASHBROOK, F. G. 1956. Fur catch in the United States, 1955. 3 pp.
Reissued from *Wildlife Leaflet* BS-140 (1939).
381. [Not issued]
382. BRANCH OF WILDLIFE REFUGES. 1957. 1957 Address list of refuge managers. 8 pp.
383. BRANCH OF WILDLIFE REFUGES. 1957. Public use of National Wildlife Refuges, 1956. 4 pp.
Reissued from *Wildlife Leaflet* 375 (1956).
384. BRANCH OF WILDLIFE REFUGES. 1957. Refuge bird lists. 2 pp.
385. MITCHELL, R. T., AND J. T. LINEHAN. 1957. Protecting corn from blackbirds. 7 pp.
Describes damage by blackbirds, in particular by red-winged blackbirds (*Agelaius phoeniceus*) and common (purple) grackles (*Quiscalus quiscula*). Discusses bird-frightening devices and cultural practices useful in damage prevention.
386. LINEHAN, J. T., AND L. M. LLEWELLYN. 1957. An improved box trap for small game and fur animals. 4 pp.
Describes aluminum-framed box trap and discusses results of comparison tests of this trap with an older wooden model.
387. BRANCH OF WILDLIFE RESEARCH. 1957. Big game inventory for 1955. 4 pp.
Reissued from *Wildlife Leaflet* 376 (1956) to fit 1955.
388. BRANCH OF WILDLIFE RESEARCH. 1957. Fur Catch in the United States, 1956. 3 pp.
Succeeds *Wildlife Leaflet* 380 (1956).
389. BRANCH OF WILDLIFE RESEARCH. 1957. Nutrias in the United States. 11 pp.
Revises and updates *Wildlife Leaflet* 319 (1949).
390. BRANCH OF WILDLIFE REFUGES. 1957. Availability of surplus big-game animals on National Wildlife Refuges. 6 pp.
Supersedes *Wildlife Leaflet* 341 (1952).
391. DIVISION OF INFORMATION. 1954. Selected list of fish and wildlife materials for conservation education. 2 pp.
392. STICKEL, L. F., AND P. F. SPRINGER. 1957. Pesticides and wildlife. 12 pp.
Attempts to answer questions about present and future effects of pesticides on wildlife. Discusses use and types of pesticides, damage to wildlife, safeguards, and alternatives. Specifically mentions DDT, Dutch elm disease, gypsy moth, spruce bud worm, mosquito control, fire ant, and Mediterranean fruit fly.
393. WEBSTER, C. G. 1958. Better nest boxes for wood ducks. 18 pp.
Mentions use of nest boxes by other animals, and explains predator-proofing of nest boxes. Discusses constructing, locating, and erecting nest boxes, and mentions nesting material.
394. DIVISION OF INFORMATION. 1958. Selected list of Fish and Wildlife materials for conservation education. 2 pp.
Succeeds *Wildlife Leaflet* 391 (1954).
395. BRANCH OF WILDLIFE RESEARCH. 1958. Big game inventory for 1956. 3 pp.
Supersedes *Wildlife Leaflet* 387 (1957).
396. BRANCH OF WILDLIFE REFUGES. 1958. Public use of National Wildlife Refuges, 1957. 4 pp.
Supersedes *Wildlife Leaflet* 383 (1957).
397. BRANCH OF WILDLIFE REFUGES. 1958. Address list of refuge managers, 1958. 8 pp.
Supersedes *Wildlife Leaflet* 382 (1957).
398. BRANCH OF WILDLIFE RESEARCH. 1958. Fur catch in the United States, 1957. 3 pp.
Supersedes *Wildlife Leaflet* 388 (1957).
399. BRANCH OF WILDLIFE RESEARCH. 1958. Big game inventory for 1957. 3 pp.
Supersedes *Wildlife Leaflet* 395 (1958).
400. ANONYMOUS. 1960. List of *Wildlife Leaflets* 301-399. 8 pp.
401. BUREAU OF SPORTS FISHERIES AND WILDLIFE. 1959. Raccoons and their control. 2 pp.
Discusses trapping as control method and describes dirt hole, cubby, and water sets.
402. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1959. Anticoagulant rodenticides for control of rats and mice. 4 pp.

- Describes effects of anticoagulants and discusses dry and water baits. Provides instructions for placing bait stations.
403. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1959. Control of tree squirrels. 4 pp.
Briefly describes tree squirrels and their life history. Discusses repellent methods, tree and shrub protection, livetrapping, kill trapping, shooting, and poisoning.
404. [Not issued]
405. U.S. FISH AND WILDLIFE SERVICE. 1959. Conservation notes—birds. 4 pp.
Briefly discusses birds, their foods, nests, eggs, migration, and sizes. Mentions dangers to birds, extinct species, banding, and protection.
406. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1959. 1958 Public use of National Wildlife Refuges. 4 pp.
Tabulates hunting, fishing, miscellaneous, and total use for each refuge by region.
407. U.S. FISH AND WILDLIFE SERVICE. 1959. Publications on the National Wildlife Refuges—1959. 4 pp.
408. BRANCH OF WILDLIFE REFUGES. 1959. 1959 Address list of refuge managers. 8 pp.
409. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1962. Bird control devices—sources of supply. 4 pp.
Mentions regulations and gives suppliers' addresses for various control devices.
410. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1959. Fur catch in the United States, 1958. 3 pp.
Revised from *Wildlife Leaflet* BS-140 (1939).
411. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1959. Big game inventory for 1958. Compiled in Bird and Mammal Laboratories, Branch of Wildlife Research. 4 pp.
Revises *Wildlife Leaflet* BS-342 (1952).
412. DALE, F. H. 1960. Management of the ring-necked pheasant. 4 pp.
Revises *Wildlife Leaflet* BS-332 (1951).
413. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Controlling birds—vagrant domestic pigeons. 4 pp.
Supersedes *Wildlife Leaflet* 254 (1948).
414. EDITORIAL SECTION, OFFICE OF INFORMATION. 1960. Selected list of fish and wildlife materials for conservation education. 2 pp.
415. U.S. FISH AND WILDLIFE SERVICE. 1960. Selected list of informational leaflets on wildlife.
Includes leaflets on general conservation of wildlife, training and employment, animals, birds, National Wildlife Refuges, wildlife control, and wildlife diseases.
416. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. 1960 Address list of refuge managers. 8 pp.
417. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Brief manual on control of domestic mice and rats. 7 pp. [In Spanish]
Discusses rats and mice and describes control methods including trapping and poisoning.
418. ROBBINS, C. S. 1960. Status of the bald eagle, summer of 1959. 8 pp.
Discusses bald eagle (*Haliaeetus leucocephalus*) breeding range, winter range, migration, reproduction rate decrease, Florida breeding population decrease, and winter populations.
419. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Public use of National Wildlife Refuges—1959. 4 pp.
Tabulates hunting, fishing, miscellaneous, and total use for each refuge by region.
420. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Public use of National Wildlife Refuges—1951 to 1959. 1 p.
Tabulates hunting, fishing, miscellaneous, and total use for each refuge by region, for each year.
421. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Moles and their control. 4 pp.
Describes moles and their food habits, and mentions the eastern American mole (*Scalopus aquaticus*), the star-nosed mole (*Condylura cristata*), and the western American mole (*Scapanus orarius*).
422. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1960. Publications on the National Wildlife Refuges—1960. 4 pp.
423. MEANLEY, B., AND R. T. MITCHELL. 1960. Selected bibliography of the red-winged blackbird. 8 pp.
Discusses life history, economic status, and control of the red-winged blackbird (*Agelaius phoeniceus*).
424. BRANCH OF WILDLIFE RESEARCH. 1960. Fur catch in the United States, 1959. 3 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
425. BRANCH OF WILDLIFE RESEARCH. 1960. Big game inventory for 1959. 4 pp.
Updates *Wildlife Leaflet* 346 (1953).
426. DALE, F. H. 1951. Bobwhite propagation and management. 4 pp.
Supersedes *Wildlife Leaflet* 335 (1951).
427. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1961. Directory—National Wildlife Refuges. 13 pp.

428. MEANLEY, B., AND J. S. WEBB. 1960. Distribution of winter blackbird roosts east of the Appalachians. 4 pp.
Gives map of distribution of known major roosts and discusses daily movement.
429. ALDRICH, J. W., C. S. ROBBINS, AND W. W. DYKSTRA. 1961. Bird hazard to aircraft. 10 pp.
Discusses history of the problem, seasonal bird concentrations, and conditions that attract birds to airports. Describes remedial measures and scare devices. Mentions other wildlife-aircraft interactions, present research, and lists technical assistance offices.
430. BRANCH OF WILDLIFE REFUGES. 1961. Address list of refuge managers. 8 pp.
431. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1961. 1960 Public use of National Wildlife Refuges. 4 pp.
Tabulates hunting, fishing, miscellaneous, and total use for each refuge by region.
432. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1961. Birds protected by Federal law. 4 pp.
433. [Not issued]
434. OFFICE OF INFORMATION. 1961. Selected list of fish and wildlife materials for conservation education. 2 pp.
Subjects include birds, fishes, mammals, and National Wildlife Refuges.
435. U.S. FISH AND WILDLIFE SERVICE. 1961. Revised 1964 and 1972. Federal and State game and fish agencies. 2 pp.
Lists agencies and addresses.
436. BRANCH OF WILDLIFE RESEARCH. 1961. Fur catch in the United States, 1960. 3 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
437. U.S. FISH AND WILDLIFE SERVICE. 1961. Selected list of informational leaflets on wildlife. 2 pp.
Subjects include general wildlife conservation, wildlife training and employment, land animals, birds, National Wildlife Refuges, and wildlife control.
438. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1961. Publications on the National Wildlife Refuges—1961. 4 pp.
439. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1961. 1961 Address list of refuge managers. 8 pp.
440. BRANCH OF WILDLIFE RESEARCH. 1961. Big game inventory for 1960. 4 pp.
Updates *Wildlife Leaflet* 342 (1952).
441. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1962. Selected Federal laws on fish and wildlife conservation and the migratory bird treaties. 4 pp.
Briefly describes provisions of laws that apply to migratory birds.
442. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1962. 1961 Public use of National Wildlife Refuges. 6 pp.
Tabulates hunting, fishing, miscellaneous and total use for each refuge by region.
443. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1962. Public use of National Wildlife Refuges—1951 to 1961. 1 p.
Tabulates hunting, fishing, miscellaneous and total use for each refuge by region, for each year.
444. BRANCH OF WILDLIFE RESEARCH. 1962. Fur catch in the United States, 1961. 3 pp.
Updates *Wildlife Leaflet* BS-140 (1939).
445. MANVILLE, R. H. 1962. The nutria in the United States. 4 pp.
Discusses nutria (*Myocastor coypus*) natural history, establishment in the United States, economic importance, and use as a fur crop.
446. BRANCH OF WILDLIFE RESEARCH. 1962. Big game inventory for 1961. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
447. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1963. Directory of National Wildlife Refuges. 2 pp.
Lists recent refuges and recent acreage changes.
448. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1962. 1962 Address list of refuge managers. 9 pp.
449. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1963. 1962 Public use of National Wildlife Refuges. 6 pp.
Revises *Wildlife Leaflet* 442 (1962).
450. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1963. Publications on National Wildlife Refuges. 4 pp.
451. U.S. FISH AND WILDLIFE SERVICE. 1963. Selected list of information leaflets on wildlife. 2 pp.
Revises *Wildlife Leaflet* 437 (1961).
452. BRANCH OF WILDLIFE RESEARCH. 1963. Fur catch in the United States, 1962. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
453. GREENHALL, A. M. 1963. A bamboo mongoose trap. 4 pp.
Illustrates and describes construction of a bamboo trap for Indian mongooses (*Herpestes aur-punctatus*).

454. BRANCH OF WILDLIFE RESEARCH. 1963. Big game inventory for 1962. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
455. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1963. Birds protected by Federal law. 4 pp.
456. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1963. Migratory game birds special permits. 7 pp.
Describes two programs under which special permits for migratory game birds may be issued: 1) salvaging sick and wounded migratory waterfowl, and 2) propagation of rare or endangered species—a cooperative program.
457. BRANCH OF WILDLIFE REFUGES. 1963. 1963 Address list of refuge managers. 11 pp.
458. WEBSTER, C. G., AND F. M. UHLER. 1964. Improved nest structures for wood ducks. 20 pp.
Revises *Wildlife Leaflet* 393 (1958).
459. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1964. Public use of National Wildlife Refuges. 6 pp.
Revises *Wildlife Leaflet* 442 (1962).
460. DIVISION OF WILDLIFE RESEARCH. 1964. Fur catch in the United States, 1963. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
461. DIVISION OF WILDLIFE RESEARCH. 1964. Big game inventory for 1963. 4 pp.
Revises *Wildlife Leaflet* 342 (1962).
462. DIVISION OF WILDLIFE REFUGES. 1964. 1964 Address list of refuge managers. 12 pp.
463. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1964. Recreational policy on National Wildlife Refuges. 4 pp.
Discusses when recreation is authorized, uses directly or indirectly associated with wildlife, services and facilities, fees and charges, and visitor control and protection.
464. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1964. Manufacturers of chemical animal repellents. 4 pp.
465. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1964. Manufacturers or importers of rodenticides and accessories. 4 pp.
466. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1965. Directory of National Wildlife Refuges. 18 pp.
467. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1965. Trapping starlings. 2 pp.
Describes and illustrates methods of trapping European starlings (*Sturnus vulgaris*).
468. U.S. FISH AND WILDLIFE SERVICE. 1965. Selected list of information leaflets on wildlife. 2 pp.
Revises *Wildlife Leaflet* 437 (1961).
469. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1965. Birds protected by federal law. 4 pp.
470. DIVISION OF WILDLIFE RESEARCH. 1965. Big game inventory for 1964. 4 pp.
Revises *Wildlife Leaflet* 342 (1962).
471. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1965. Fur catch in the United States, 1964. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
472. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1966. Birds protected by Federal law. 2 pp.
473. DIVISION OF WILDLIFE RESEARCH. 1966. Big game inventory for 1965. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
474. DIVISION OF WILDLIFE RESEARCH. 1966. Fur catch in the United States, 1965. 4 pp.
Updates *Wildlife Leaflet* BS-140 (1939).
475. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1967. Birds protected by Federal law. 4 pp.
476. MITCHELL, R. T., AND J. T. LINEHAN. 1967. Protecting corn from blackbirds. 8 pp.
Describes and illustrates the red-winged blackbird (*Agelaius phoeniceus*), brown-headed cowbird (*Molothrus ater*), starling (*Sturnus vulgaris*), common grackle (*Quiscalus quiscula*) and American crow (*Corvus brachyrhynchos*), and discusses daily movements and feeding. Protection methods are described.
477. DIVISION OF WILDLIFE RESEARCH. 1967. Big game inventory for 1966. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
478. DIVISION OF WILDLIFE RESEARCH. 1967. Fur catch in the United States, 1966. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
479. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1967. Selected list of information leaflets on wildlife. 2 pp.
Revises *Wildlife Leaflet* 437 (1961).
480. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1968. Wildlife imported into the United States in 1967. 4 pp.
Tabulates numbers of mammals, wild birds, live fish, mollusks and crustaceans, amphibians, and reptiles imported. Details ports and means of entry and offers some facts about wildlife importations.
481. DIVISION OF WILDLIFE RESEARCH. 1968. Big game inventory for 1967. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).

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482. DIVISION OF WILDLIFE RESEARCH. 1968. Fur catch in the United States, 1967. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
483. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1969. Wildlife imported into the United States in 1968. 4 pp.
Revises *Wildlife Leaflet* 480 (1968).
484. RAYALL, W. C., JR. 1969. Trapping house sparrows to protect experimental grain crops. 4 pp.
Describes successful attempt to protect grain by trapping house sparrows (*Passer domesticus*) with modified Australian crow traps.
485. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1969. Selected list of information leaflets on wildlife. 2 pp.
Revises *Wildlife Leaflet* 437 (1961).
486. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1969. Birds protected by Federal law. 4 pp.
487. DIVISION OF WILDLIFE RESEARCH. 1969. Big game inventory for 1968. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
488. DIVISION OF WILDLIFE RESEARCH. 1969. Fur catch in the United States, 1968. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
489. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1970. Selected list of Federal laws and treaties relating to sport fish and wildlife. 4 pp. [Revised 1974]
Briefly describes provisions of acts commonly associated with protection and management of wild mammals, birds, fishes, amphibians, and reptiles.
490. GRIFFITH, R. E., JR. 1969. A method for filing black and white photographs. 4 pp.
Describes and illustrates method.
491. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1970. Wildlife imported into the United States in 1969. 4 pp.
Revises *Wildlife Leaflet* 480 (1968).
492. DIVISION OF WILDLIFE RESEARCH. 1970. Big game inventory for 1969. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
493. DIVISION OF WILDLIFE RESEARCH. 1970. Fur catch in the United States, 1969. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
494. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1970. Birds protected by Federal law. 4 pp.
495. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1971. Wildlife imported into the United States in 1970. 4 pp.
Revises *Wildlife Leaflet* 480 (1968).
496. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1971. The South American monk, quaker, or gray-headed parakeet. 4 pp.
Describes the monk parakeet (*Myiopsitta monachus*), its habitat and climate, food, behavior and habits, abundance, interbreeding, competition, relation to agriculture, sporting characteristics, and introduction. Discusses overall implications.
497. DIVISION OF WILDLIFE RESEARCH. 1971. Big game inventory for 1970. 4 pp.
Revises *Wildlife Leaflet* 342 (1952).
498. DIVISION OF MANAGEMENT AND ENFORCEMENT. 1972. Wildlife imported into the United States in 1971. 4 pp.
Revises *Wildlife Leaflet* 480 (1968).
499. DIVISION OF WILDLIFE RESEARCH. 1971. Fur catch in the United States, 1970. 4 pp.
Revises *Wildlife Leaflet* BS-140 (1939).
500. [Not issued]
501. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1972. Wildlife products imported into the United States in 1971. 4 pp.
Lists number of import declarations in 1971 in each of the following categories: 1) manufactured items, 2) skins and hides, 3) feathers, and 4) game trophies.
502. BUREAU OF SPORT FISHERIES AND WILDLIFE. 1973. Wildlife imported into the United States in 1972. 4 pp.
Lists numbers of live wildlife import declarations in 1972, in each of the following categories: 1) mammals, 2) birds, 3) live fish, 4) mollusks and crustaceans, 5) amphibians, and 6) reptiles.
503. BUREAU OF SPORTS FISHERIES. 1973. Wildlife products imported into the United States in 1972. 4 pp.
Updates and revises *Wildlife Leaflet* 501 (1972), adding a fifth category of import declarations: pounds of dead fresh salmonids.
504. BUREAU OF SPORTS FISHERIES. 1973. Muskrat and nutria control with zinc phosphide. 2 pp.
Presents directions for bait preparation and application for burrows, floating rafts, bait boards, and ground baiting.
505. STONE, C. P., AND D. F. MOTT. 1973. Bird damage to ripening field corn in the United States, 1971. 8 pp.

- Surveys bird damage to field corn. Compares results with 1970 survey to determine year-to-year consistency of damage distribution and intensity.
506. BUSACK, S. D. 1974. Amphibians and reptiles imported into the United States. 36 pp.
The numbers of amphibians and reptiles reported on the U.S. Bureau of Sport Fisheries and Wildlife Form 3-177 for importation into the United States in 1970 and 1971 are presented by general taxonomic groups and for total numbers of living amphibians and reptiles imported. A table is included for skins, parts, and products imported.
507. DODGE, W. E., AND V. G. BARNES, JR. 1975. Movements, home range, and control of porcupines in western Washington. 7 pp.
Radiotelemetry was used to monitor movements of 18 North American porcupines (*Erethizon dorsatum*) in typical west Cascade habitat near Mount St. Helens, Washington. Results are reported and discussed and control methods are suggested.
508. CAMPBELL, D. L., AND J. EVANS. 1975. "Vexar" seedling protectors to reduce wildlife damage to Douglas-fir. 11 pp.
Describes uses of "Vexar" seedling protectors to reduce clipping and browsing damage to regenerating Douglas-fir (*Pseudotsuga menziesii*) by snowshoe hares (*Lepus americanus*), cottontails, black-tailed deer (*Odocoileus hemionus columbianus*), and North American elk (*Cervus elaphus*).
509. TIETJEN, H. P. 1976. Zincphosphide—a control agent for black-tailed prairie dogs. 4 pp.
Provides use instructions and discusses responsible control.
510. U.S. FISH AND WILDLIFE SERVICE. 1976. Nest boxes for wood ducks. 14 pp.
Revises and updates *Wildlife Leaflet* 458 (1964).
511. GREENHALL, A. M. 1977. Birds imported into the United States in 1973 and 1974. 7 pp.
Lists the numbers and species of birds imported into the United States during 1973 and 1974, as well as the country of export.
512. HIGGINS, K. F., L. M. KIRSCH, H. F. DUEBBERT, A. T. KLETT, J. T. LOKEMOEN, H. W. MILLER, AND A. D. KRUSE. 1977. Construction and operation of cable-chain drag for nest searches. 14 pp.
List of materials necessary to build and use a 53-m-long cable-chain drag is presented. Techniques are described for searching, finding, and marking nests in a typical area of grassland. Use of this technique during nine nesting seasons is evaluated. Other uses of the cable-chain drag are also discussed.
513. CAMPBELL, D. L., AND L. E. JOHNSON. 1981. Guide for collecting and seeding native forbs for wildlife in Douglas-fir clearcuts. 13 pp.
Recommends seeding new clearcuts to improve wildlife habitat to reduce feeding injuries to Douglas-fir (*Pseudotsuga menziesii*) by black-tailed deer (*Odocoileus hemionus columbianus*). Lists methods to help identify plants, harvest mature seeds of catsear (*Hypochaeris radicata*), and collect stems to produce mature seeds of hawkbeard (*Crepis capillaris*), fleabane (*Erigeron strigosus septentrionalis*), hawkweed (*Hieracium albiflorum*), phacelia (*Phacelia nemoralis*), and redstem fireweed (*Epilobium watsonii watsonii*). Seed cleaning, germination, and storage methods are described, and seeding seasons are suggested.
514. EVANS, J., D. L. CAMPBELL, G. D. LINDSEY, V. G. BARNES, JR., AND R. M. ANTHONY. 1981. Distribution of animal damage in southwestern Oregon forests. 12 pp.
Describes field survey portion of an investigation conducted in 1980 to define the extent of animal damage to conifer regeneration in southwestern Oregon, and to identify species causing the damage.
515. RUELLE, P., AND R. L. BRUGGERS. 1983. Senegal's trade in cage birds, 1979-81. 11 pp.
Describes Senegal's cage bird trade. Updates exportation figures and indicates some legislation proposed by the government of Senegal to manage this industry.