



THE WILDLIFE SOCIETY

Policy Priority Reference List Wildlife Health

Wildlife diseases play an important role in natural ecosystems, with the potential to effect wildlife populations, as well as human and domestic animal health. Wildlife health is also impacted by human activities, including use of lead ammunition and tackle, baiting, and supplemental feeding.

BAITING/SUPPLEMENTAL FEEDING

GENERAL

- Brown, R. D., and S. M. Cooper.** 2006. In My Opinion: the nutritional, ecological, and ethical arguments against baiting and feeding white-tailed deer. *Wildlife Society Bulletin* 34: 519-524.
- Donohue, R. N., D. G. Hewitt, T. E. Fulbright, C. A. Deyoung, A. R. Litt, and D. A. Draeger.** 2013. Aggressive behavior of white-tailed deer at concentrated food sites as affected by population density. *Journal of Wildlife Management* 77: 1401-1408.
- Inslerman, R. A., D. L. Baker, R. Cumberland, P. Doerr, J. E. Miller, J. E. Kennamer, E. R. Stinson, and S. J. Williamson.** 2006. Baiting and supplemental feeding of game wildlife species. *The Wildlife Society Technical Review* 06-1. The Wildlife Society, Bethesda, MD, USA.
- Madison, L. A., R. J. Robel, and D. P. Jones.** 2002. Hunting mortality and overwinter survival of northern bobwhites relative to food plots in Kansas. *Wildlife Society Bulletin* 30: 1120-1127.
- Van Deelen, T. R., B. Dhuey, K. R. McCaffery, and R. E. Rolley.** 2006. Relative effects of baiting and supplemental antlerless seasons on Wisconsin's 2003 deer harvest. *Wildlife Society Bulletin* 34: 322-328.

BAITING

- Bischof, R., R. Fujita, A. Zedrosser, A. Soderberg, and J. E. Swenson.** 2008. Hunting patterns, ban on baiting, and harvest demographics of brown bears in Sweden. *Journal of Wildlife Management* 72: 79-88.
- Haines, A. M. F. Hernandez, S. E. Henke, and R. L. Bingham.** 2004. Effects of road baiting on home range and survival of northern bobwhites in southern Texas. *Wildlife Society Bulletin* 32: 401-411.
- Kilpatrick, H. J., A. M. Labonte, and J. S. Barclay.** 2010. Use of bait to increase archery deer harvest in an urban-suburban landscape. *Journal of Wildlife Management* 74: 714-718.
- Rudolph, B. A., S. J. Riley, G. J. Hickling, B. J. Frawley, M. S. Garner, and S. R. Winterstein.** 2006. Regulating hunter baiting for white-tailed deer in Michigan: biological and social considerations. *Wildlife Society Bulletin* 34: 314-321.

SUPPLEMENTAL FEEDING

- Andreassen, H. P., H. Gundersen, and T. Storaas.** 2005. The effect of scent-marking, forest clearing, and supplemental feeding on moose-train collisions. *Journal of Wildlife Management* 69: 1125-1132.
- Bartoskewitz, M. L., D. G. Hewitt, J. S. Pitts, and F. C. Bryant.** 2003. Supplemental feed use by free-ranging white-tailed deer in southern Texas. *Wildlife Society Bulletin* 31: 1218-1228.
- Blanchong, J. A., K. T. Scibner, B. K. Epperson, and S. R. Winterstein.** 2006. Changes in artificial feeding regulations impact white-tailed deer fine-scale spatial genetic structure. *Journal of Wildlife Management* 70: 1037-1043.
- Conover, M. R., R. L. King Jr., J. E. Jimenez, and T. A. Messmer.** 2005. Evaluation of supplemental feeding to reduce predation of duck nests in North Dakota. *Wildlife Society Bulletin* 33: 1330-1334.
- Cooper, S. M., and T. F. Ginnett.** 2000. Potential effects of supplemental feeding of deer on nest predation. *Wildlife Society Bulletin* 28: 660-666.
- Creech, T. G., P. C. Cross, B. M. Scurlock, E. J. Maichak, J. D. Rogerson, J. C. Henningsen, and S. Creel.** 2012. Effects of low-density feeding on elk—fetus contact rates on Wyoming feedgrounds. *Journal of Wildlife Management* 76: 877-886.
- Doerr, T. B., and N. J. Silvy.** 2006. Effects of supplemental feeding on physiological condition of northern bobwhite in south Texas. *Journal of Wildlife Management* 70: 517-521.
- Forristal, V. E., S. Creel, M. L. Taper, B. M. Scurlock, and P. C. Cross.** 2012. Effects of supplemental feeding and aggregation on fecal glucocorticoid metabolite concentrations in elk. *Journal of Wildlife Management* 76: 694-702.
- Godbois, I. A., L. M. Conner, and R. J. Warren.** 2004. Space-use patterns of bobcats relative to supplemental feeding of northern bobwhites. *Journal of Wildlife Management* 68: 514-518.
- Guthery, F. S., T. L. Hiller, W. H. Puckett Jr., R. A. Baker, S. G. Smith, and A. R. Rybak.** 2004. Effects of feeders on dispersion and mortality of bobwhites. *Wildlife Society Bulletin* 32: 1248-1254.

- Masse, S., C. Dussault, C. Dussault, and J. Ibarzabal.** 2014. How artificial feeding for tourism-watching modifies black bear space use and habitat selection. *Journal of Wildlife Management* 78: 1228-1238.
- Moseley, W. A., S. M. Cooper, D. G. Hewitt, T. E. Fulbright, and C. A. Deyoung.** 2011. Effects of supplemental feeding and density of white-tailed deer on rodents. *Journal of Wildlife Management* 75: 675-681.
- Ouellet, J. P., M. Crete, J. Maltais, C. Pelletier, and J. Huot.** 2001. Emergency feeding of white-tailed deer: test of three feeds. *Journal of Wildlife Management* 65: 129-136.
- Page, B. D., and H. B. Underwood.** 2006. Comparing protein and energy status of winter-fed white-tailed deer. *Wildlife Society Bulletin* 34: 716-724.
- Perez-Gonzalez, J., A. M. Barbosa, J. Carranza, and J. Torres-Porras.** 2010. Relative effect of food supplementation and natural resources on female red deer distribution in a Mediterranean ecosystem. *Journal of Wildlife Management* 74: 1701-1708.
- Peterson, C., and T. A. Messmer.** 2007. Effects of winter-feeding on mule deer in northern Utah. *Journal of Wildlife Management* 71: 1440-1445.
- Rotem, G., H. Berger, R. King, P. Bar (Kutiel), and D. Saltz.** 2011. The effects of anthropogenic resources on the space-use patterns of golden jackals. *Journal of Wildlife Management* 75: 132-136.
- Thompson, A. K., M. D. Samuel, and T. R. Van Deelen.** 2008. Alternative feeding strategies and potential disease transmission in Wisconsin white-tailed deer. *Journal of Wildlife Management* 72: 416-421.
- Timmons, G. R., D. G. Hewitt, C. A. Deyoung, T. E. Fulbright, and D. A. Draeger.** 2010. Does supplemental feed increase selective foraging in a browsing ungulate. *Journal of Wildlife Management* 74: 995-1002.
- Turner, A. S., L. M. Conner, and R. J. Cooper.** 2008. Supplemental feeding of northern bobwhite affects red-tailed hawk spatial distribution. *Journal of Wildlife Management* 72: 428-432.
- Van Beest, F. M., L. E. Loe, A. Mysterud, and J. M. Milner.** 2010. Comparative space use and habitat selection of moose around feeding stations. *Journal of Wildlife Management* 74: 219-227.
- Zeigler, G. J.** 2004. Efficacy of black bear supplemental feeding to reduce conifer damage in western Washington. *Journal of Wildlife Management* 68: 470-474.
- Ziegler, G. J.** 2006. Cost-effectiveness of the black bear supplemental feeding program in western Washington. *Wildlife Society Bulletin* 34: 375-379.
- Campbell, T. A., and D. B. Long.** 2009. Strawberry-flavored baits for pharmaceutical delivery to feral swine. *Journal of Wildlife Management* 73: 615-619.
- Campbell, T. A., S. J. Lapidge, and D. B. Long.** 2006. Using baits to deliver pharmaceuticals to feral swine in southern Texas. *Wildlife Society Bulletin* 34: 1184-1189.
- Deyoung, R. W., A. Zamorano, B. T. Mesenbrink, T. A. Campbell, B. R. Leland, G. M. Moore, R. L. Honeycutt, and J. J. Root.** 2009. Landscape-genetic analysis of population structure in the Texas gray fox oral rabies vaccination zone. *Journal of Wildlife Management* 73: 1292-1299.
- Hegglin, D., F. Bontadina, S. Gloor, J. Romer, U. Muller, U. Breitenmoser, and P. Deplazes.** 2004. Baiting red foxes in an urban area: a camera trap study. *Journal of Wildlife Management* 68: 1010-1017.
- Massei, G., J. Coates, R. Quy, K. Storer, and D. P. Cowan.** 2010. The boar-operated-system: a novel method to deliver baits to wild pigs. *Journal of Wildlife Management* 74: 333-336.
- Palphramand, K. L., S. P. Carter, J. A. Woods, G. C. Smith, N. J. Walker, and R. J. Delahay.** 2012. Uptake of buried baits by badgers: implications for rabies control in Great Britain and the delivery of an oral TB vaccine. *Wildlife Society Bulletin* 36: 220-225.
- Smyser, T. J., L. K. Page, S. A. Johnson, C. M. Hudson, K. F. Kellner, R. K. Swihart, and O. E. Rhodes.** 2013. Management of raccoon roundworm in free-ranging raccoon population via anthelmintic baiting. *Journal of Wildlife Management* 77: 1372-1379.
- Wilson, R. R., P. R. Krausman, and J. R. Morgart.** 2010. Forage enhancement plots as a management tool for Sonoran pronghorn recovery. *Journal of Wildlife Management* 74: 236-239.

BRUCELLOSIS

- Aune, K., J. C. Rhyan, R. Russell, T. J. Roffe, and B. Corso.** 2012. Environmental persistence of *Brucella abortus* in the Greater Yellowstone Area. *Journal of Wildlife Management* 76: 253-261.
- Cook, W. E., E. S. Williams, and S. A. Dubay.** 2004. Disappearance of bovine fetuses in northwestern Wyoming. *Wildlife Society Bulletin* 32: 254-259.
- Creech, T. G., P. C. Cross, B. M. Scurlock, E. J. Maichak, J. D. Rogerson, J. C. Henningsen, and S. Creel.** 2012. Effects of low-density feeding on elk-fetus contact rates on Wyoming feedgrounds. *Journal of Wildlife Management* 76: 877-886.
- Ferrari, M. J., and R. A. Garrott.** 2002. Bison and elk: brucellosis seroprevalence on a shared winter range. *Journal of Wildlife Management* 66: 1246-1254.
- Forristal, V. E., S. Creel, M. L. Taper, B. M. Scurlock, and P. C. Cross.** 2012. Effects of supplemental feeding and aggregation on fecal glucocorticoid metabolite concentrations in elk. *Journal of Wildlife Management* 76: 694-702.
- Fuller, J. A., R. A. Garrott, P. J. White, K. E. Aune, T. J. Roffe, and J. C. Rhyan.** 2007. Reproduction and survival

BAITING AS A MANAGEMENT TOOL

- Beasley, J. C., W. S. Beatty, T. C. Atwood, S. R. Johnson, and O. E. Rhodes Jr.** 2012. A comparison of methods for estimating raccoon abundance: implications for disease vaccination programs. *Journal of Wildlife Management* 76: 1290-1297.
- Boulanger, J. R., L. L. Bigler, P. D. Curtis, D. H. Lein, and A. J. Lembo.** 2006. A polyvinyl chloride bait station for dispensing rabies vaccine to raccoons in suburban landscapes. *Wildlife Society Bulletin* 34: 1206-1211.

- of Yellowstone bison. *Journal of Wildlife Management* 71: 2365-2372.
- Gogan, P. J., K. M. Podruzny, E. M. Olexa, H. I. Pac, and K. L. Frey.** 2005. Yellowstone bison fetal development and phenology of parturition. *Journal of Wildlife Management* 69: 1716-1730.
- Gogan, P. J. P., R. E. Russell, E. M. Olexa, and K. M. Podruzny.** 2013. Pregnancy rates in central Yellowstone bison. *Journal of Wildlife Management* 77: 1271-1279.
- Proffitt, K. M., J. A. Gude, J. Shamhart, and F. King.** 2012. Variations in elk aggregation patterns across a range of elk population sizes at Wall Creek, Montana. *Journal of Wildlife Management* 76: 847-856.
- Roffe, T. J., L. C. Jones, K. Coffin, M. L. Drew, S. J. Sweeney, S. D. Hagius, P. H. Elzer, and D. Davis.** 2004. Efficacy of single calfhood vaccination of elk with *Brucella abortus* strain 19. *Journal of Wildlife Management* 68: 830-836.

CHRONIC WASTING DISEASE

IMPACT ON WILDLIFE

- Blanchong, J. A., D. O. Joly, M. D. Samuel, J. A. Langenberg, R. E. Rolley, and J. F. Sausen.** 2006. White-tailed deer harvest from the Chronic Wasting Disease Eradication Zone in south-central Wisconsin. *Wildlife Society Bulletin* 34: 725-731.
- Clements, G. M., S. E. Hygnstrom, J. M. Gilsdorf, D. M. Bassch, M. J. Clements, and K. C. Vercauteren.** 2011. Movements of white-tailed deer in riparian habitat: implications for infectious diseases. *Journal of Wildlife Management* 75: 1436-1442.
- Grear, D. A., M. D. Samuel, J. A. Langenberg, and D. Keane.** 2006. Demographic patterns and harvest vulnerability of chronic wasting disease infected white-tailed deer in Wisconsin. *Journal of Wildlife Management* 70: 546-553.
- Jennelle, C. S., M. D. Samuel, C. A. Nolden, and E. A. Berkley.** 2009. Deer carcass decomposition and potential scavenger exposure to chronic wasting disease. *Journal of Wildlife Management* 73: 655-662.
- Lang, K. R., and J. A. Blanchong.** 2012. Population genetic structure of white-tailed deer: understanding risk of chronic wasting disease spread. *Journal of Wildlife Management* 76: 832-840.
- Monello, R. J., J. G. Powers, N. T. Hobbs, T. R. Spraker, M. K. Watry, and M. A. Wild.** 2014. Survival and population growth of a free-ranging elk population with a long history of exposure to chronic wasting disease. *Journal of Wildlife Management* 78: 214-223.
- Oyer, A. M., N. E. Matthews, and L. H. Skuldt.** 2007. Long-distance movement of a white-tailed deer away From a Chronic Wasting Disease Area. *Journal of Wildlife Management* 71: 1635-1638.
- Sargeant, G. A., D. C. Weber, and D. E. Roddy.** 2011. Implications of chronic wasting disease, cougar predation, and reduced recruitment for elk management. *Journal of Wildlife Management* 75: 171-177.
- Silbernagel, E. R., N. K. Skelton, C. L. Waldner, and T. K. Bollinger.** 2011. Interaction among deer in a chronic wasting disease endemic zone. *Journal of Wildlife Management* 75: 1453-1461.
- Skuldt, L. H., N. E. Mathews, and A. M. Oyer.** 2008. White-tailed deer movements in a Chronic Wasting Disease Area in south-central Wisconsin. *Journal of Wildlife Management* 72: 1156-1160.
- Wolfe, L. L., M. M. Conner, T. H. Baker, V. J. Dreitz, K. P. Burnham, E. S. Williams, N. T. Hobbs, and M. W. Miller.** 2002. Evaluation of antemortem sampling to estimate chronic wasting disease prevalence in free-ranging mule deer. *Journal of Wildlife Management* 66: 564-573.

MANAGEMENT AND CONTROL

- Beringer, J., L. P. Hansen, J. J. Millspaugh, and T. Meyer.** 2003. A statewide surveillance effort for detecting chronic wasting disease in wild white-tailed deer in Missouri. *Wildlife Society Bulletin* 31: 873-881
- Diefenbach, D. R., C. S. Rosenberry, and R. C. Boyd.** 2004. From the Field: efficacy of detecting chronic wasting disease via sampling hunter-killed white-tailed deer. *Wildlife Society Bulletin* 32: 267-272.
- Gross, J. E., and M. W. Miller.** 2001. Chronic wasting disease in mule deer: disease dynamics and control. *Journal of Wildlife Management* 65: 205-215.
- Schauber, E. M., and A. Woolf.** 2003. Chronic wasting disease in deer and elk: a critique of current models and their application. *Wildlife Society Bulletin* 31: 610-616.
- Williams, E. S., M. W. Miller, T. J. Kreger, R. H. Kahn, and E. T. Thorne.** 2002. Chronic wasting disease of deer and elk: a review with recommendations for management. *Journal of Wildlife Management* 66: 551-563.
- Wolfe, L. L., M. W. Miller, and E. S. Williams.** 2004. Feasibility of "test-and-cull" for managing chronic wasting disease in urban mule deer. *Wildlife Society Bulletin* 32: 500-505.

HUMAN DIMENSIONS OF WILDLIFE DISEASE

- Palamar, M. B., M. N. Peterson, C. S. Deperno, and M. T. Correa.** 2013. Assessing rabies knowledge and perceptions among ethnic minorities in Greensboro, North Carolina. *Journal of Wildlife Management* 77: 1321-1326.
- Peterson, M. N., A. G., and J. Liu.** 2006. Effects of zoonotic disease attributes on public attitudes towards wildlife management. *Journal of Wildlife Management* 70: 1746-1753.
- Schroeder, S. A., D. C. Fulton, W. Penning, and K. Doncarlos.** 2012. Using persuasive messages to encourage hunters to support regulation of lead shot. *Journal of Wildlife Management* 76: 1528-1539.
- Schulz, J. H., R. A. Reitz, S. L. Sheriff, and J. J. Millspaugh.** 2007. Attitudes of Missouri small game hunters toward nontoxic-shot regulations. *Journal of Wildlife Management* 71: 628-633.
- Stafford, N. T., M. D. Needham, J. J. Vaske, and J. Petchenik.** 2007. Hunter and nonhunter beliefs about chronic wasting disease in Wisconsin. *Journal of Wildlife Management* 71: 1739-1744.

Vaske, J. J., M. D. Needham, P. Newman, M. J. Manfredo, and J. Petchenik. 2006. Potential for conflict index: hunters' responses to chronic wasting disease. *Wildlife Society Bulletin* 34: 44-50.

LEAD (Pb)

- Butler, D. A., R. B. Sage, R. A. H. Draycott, J. P. Carroll, and D. Potts.** 2005. Lead exposure in ring-necked pheasants on shooting estates in Great Britain. *Wildlife Society Bulletin* 33: 583-589.
- Cade, T. J.** 2007. Exposure of California condors to lead from spent ammunition. *Journal of Wildlife Management* 71: 2125-2133.
- Craighead, D., and B. Bedrosian.** 2008. Blood lead levels of common ravens with access to big-game offal. *Journal of Wildlife Management* 72: 240-245.
- Demendi, M., and S. A. Petrie.** 2006. Shot ingestion in scaup on the lower Great Lakes after nontoxic shot regulations in Canada. *Wildlife Society Bulletin* 34: 1101-1106.
- Flint, P. L., and J. L. Schamber.** 2010. Long-term persistence of spent lead shot in tundra wetlands. *Journal of Wildlife Management* 74: 148-151.
- Hunt, W. G., W. Burnham, C. N. Parish, K. K. Burnham, B. Mutch, and J. L. Oaks.** 2006. Bullet fragments in deer remains: implications for lead exposure in avian scavengers. *Wildlife Society Bulletin* 34: 167-170.
- Knopper, L. D., P. Mineau, A. M. Scheuhhammer, D. E. Bond, and D. T. McKinnon.** 2006. Carcasses of shot Richardson's ground squirrels may pose lead hazards to scavenging hawks. *Journal of Wildlife Management* 70: 295-299.
- Merendino, M. T., D. S. Lobpries, J. E. Neaville, J. D. Ortego, and W. P. Johnson.** 2005. Regional differences and long-term trends in lead exposure in mottled ducks. *Wildlife Society Bulletin* 33: 1002-1008.
- Nadjafzadeh, M., H. Hofer, and O. Kroner.** 2013. The link between feeding ecology and lead poisoning in white-tailed eagles. *Journal of Wildlife Management* 77: 48-57.
- Pauli, J. N., and S. W. Buskirk.** 2007. Recreational shooting of prairie dogs: a portal for lead entering wildlife food chains. *Journal of Wildlife Management* 71: 103-108.
- Plautz, S. C., R. S. Halbrook, and D. W. Sparling.** 2011. Lead shot ingestion by mourning doves on a disked field. *Journal of Wildlife Management* 75: 779-785.
- Rattner, B. A., J. C. Franson, S. R. Sheffield, C. I. Goddard, N. J. Leonard, D. Stang, and P. J. Wingate.** 2008. Sources and implications of lead ammunition and fishing tackle on natural resources. *The Wildlife Society Technical Review* 08-01. The Wildlife Society, Bethesda, MD, USA.
- Rogers, T. A., B. Bedrosian, J. Graham, and K. R. Foresman.** 2012. Lead exposure in large carnivores in the greater Yellowstone ecosystem. *Journal of Wildlife Management* 76: 575-582.
- Russell, R. E., and J. C. Franson.** 2014. Causes of mortality in eagles submitted to the National Wildlife Health Center 1975-2013. *Wildlife Society Bulletin DOI: 10.1002/wsb.469.*

Schulz, J. H., J. J. Millspaugh, A. J. Bermudez, X. Gao, T. W. Bonnot, L. G. Britt, and M. Paine. 2006. Acute lead toxicosis in mourning doves. *Journal of Wildlife Management* 70: 413-421.

- Shulz, J. H., P. I. Padding, and J. J. Millspaugh.** 2006. Will mourning dove crippling rates increase with nontoxic-shot regulations? *Wildlife Society Bulletin* 34: 861-865.
- Stewart, C. M., and N. B. Veverka.** 2011. The extent of lead fragmentation observed in deer culled by sharpshooting. *Journal of Wildlife Management* 75: 1462-1466.
- Thomas, V. G.** 2003. Harmonizing approval of nontoxic shot and sinkers in North America. *Wildlife Society Bulletin* 31: 292-295

PNEUMONIA IN BIGHORN SHEEP

- Cahn, M. L., M. M. Conner, O J. Schmitz, T. R. Stephenson, J. D. Wehausen, and H. E. Johnson.** 2011. Disease, population viability, and recovery of endangered Sierra Nevada bighorn sheep. *Journal of Wildlife Management* 75: 1753-1766.
- Cassirer, E. F., and A. R. E. Sinclair.** 2007. Dynamics of pneumonia in bighorn sheep metapopulation. *Journal of Wildlife Management* 71: 1080-1088.
- McClintock, B. T., and G. C. White.** 2007. Bighorn sheep abundance following a suspected pneumonia epidemic in Rocky Mountain National Park. *Journal of Wildlife Management* 71: 183-189.

RABIES

- Arjo, W. M., C. E. Fisher, J. Armstrong, F. Boyd, and D. Slate.** 2008. Effects of natural barriers and habitat on the western spread of raccoon rabies in Alabama. *Journal of Wildlife Management* 72: 1725-1735.
- Beasley, J. C., W. S. Beatty, T. C. Atwood, S. R. Johnson, and O. E. Rhodes Jr.** 2012. A comparison of methods for estimating raccoon abundance: implications for disease vaccination programs. *Journal of Wildlife Management* 76: 1290-1297.
- Boulanger, J. R., L. L. Bigler, P. D. Curtis, D. H. Lein, and A. J. Lembo Jr.** 2006. A polyvinyl chloride bait station for dispensing rabies vaccine to raccoons in suburban landscapes. *Wildlife Society Bulletin* 34: 1206-1211.
- DeYoung, R. W., A. Zamorano, B. T. Mesenbrink, T. A. Campbell, B. R. Leland, G. M. Moore, R. L. Honeycutt, and J. J. Root.** 2009. Landscape-genetic analysis of population structure in the Texas gray fox oral rabies vaccination zone. *Journal of Wildlife Management* 73: 1292-1299.
- MacInnes, C. D., and C. A. LaBer.** 2000. Wildlife management agencies should participate in rabies control. *Wildlife Society Bulletin* 28: 1156-1167.
- Palamar, M. B., M. N. Peterson, C. S. Deperno, and M. T. Correa.** 2013. Assessing rabies knowledge and perceptions among ethnic minorities in Greensboro, North Carolina. *Journal of Wildlife Management* 77: 1321-1326.
- Rees, E. E., D. Belanger, D. Lelievre, N. Cote, and L. Lambert.** 2011. Targeted surveillance of raccoon rabies in

- Quebec, Canada. *Journal of Wildlife Management* 75: 1406-1416.
- Rosatte, R., K. Sobey, D. Donovan, M. Allan, L. Bruce, T. Buchanan, and C. Davies.** 2007. Raccoon density and movements after population reduction to control rabies. *Journal of Wildlife Management* 71: 2373-2378.
- Whitaker Jr., J. O., and L. R. Douglas.** 2006. Bat rabies in Indiana. *Journal of Wildlife Management* 70: 1569-1573.
- Wolf, K. N. F. Elvinger, and J. L. Pilcicki.** 2003. Infrared-triggered photography and tracking plates to monitor oral rabies vaccine bait contact by raccoons in culverts. *Wildlife Society Bulletin* 31: 387-391.
- ## TUBERCULOSIS
- Atwood, T. C., K. C. Vercauteren, T. J. Deliberto, H. J. Smith, and J. S. Stevenson.** 2007. Coyotes as sentinels for monitoring bovine tuberculosis prevalence in white-tailed deer. *Journal of Wildlife Management* 71: 1545-1554.
- Atwood, T. C., T. J. Deliberto, H. J. Smith, J. S. Stevenson, and K. C. Vercauteren.** 2009. Spatial ecology of raccoons related to cattle and bovine tuberculosis in Northeastern Michigan. *Journal of Wildlife Management* 73: 647-654.
- Cosgrove, M. K., H. Campa, D. S. L. Ramsey, S. M. Schmitt, and D. J. O'brien.** 2012. Modeling vaccination and targeted removal of white-tailed deer in Michigan for bovine tuberculosis control. *Wildlife Society Bulletin* 36: 676-684.
- Dorn, M. L., and A. G. Mertig.** 2005. Bovine tuberculosis in Michigan: stakeholder attitudes and implications for eradication efforts. *Wildlife Society Bulletin* 33: 539-552.
- Muter, B. A., M. L. Gore, S. J. Riley, and M. K. Lapinski.** 2013. Evaluating bovine tuberculosis risk communication materials in Michigan and Minnesota for severity, susceptibility, and efficacy messages. *Wildlife Society Bulletin* 37: 115-121.
- O'Brien, D. J., D. J. Yereb, M. K. Cosgrove, E. S. Carlson, S. M. Schmitt, and M. J. Wilkins.** 2004. An occupational safety program for wildlife professionals involved with bovine tuberculosis surveillance. *Wildlife Society Bulletin* 32: 992-999.
- Ramsey, D. S. L., D. J. O'brien, M. K. Cosgrove, B. A. Rudolph, A. B. Locher, and S. M. Schmitt.** 2014. Forecasting eradication of bovine tuberculosis in Michigan white-tailed deer. *Journal of Wildlife Management* 78: 240-254.
- Rudolph, B. A., S. J. Riley, G. J. Hickling, B. J. Frawley, M. S. Garner, and S. R. Winterstein.** 2006. Regulating hunter baiting for white-tailed deer in Michigan: Biological and Social Considerations. *Wildlife Society Bulletin* 34: 314-321.
- ## WEST NILE VIRUS
- Caffrey, C., T. J. Weston, and S. C. R. Smith.** 2003. High mortality among marked crows subsequent to the arrival of West Nile virus. *Wildlife Society Bulletin* 31: 870-872.
- Dusek, R. J., C. A. Hagen, J. C. Franson, D. A. Budeau, and E. K. Hofmeister.** 2014. Utilizing hunter harvest effort to survey for wildlife disease: a case study of West Nile virus in greater sage-grouse. *Wildlife Society Bulletin*, DOI: 10.1002/wsb.472
- Katz, C. J., S. C. Anderson, R. W. Howe, A. R. Hinickle, N. T. Waliszewski, S. A. Nye, and A. M. Wunderlin.** 2007. West Nile virus exposure in black bears of northeastern Wisconsin. *Journal of Wildlife Management* 71: 634-636.
- Naugle, D. E., C. L. Aldridge, B. L. Walker, K. E. Doherty, M. R. Matchett, J. McIntosh, T. E. Cornish, and M. S. Boyce.** 2005. West Nile virus and sage-grouse: what more have we learned? *Wildlife Society Bulletin* 33: 616-623.
- Walker, B. L., D. E. Naugle, K. E. Doherty, and T. E. Cornish.** 2004. Outbreak of West Nile virus in greater sage-grouse and guidelines for monitoring, handling, and submitting dead birds. *Wildlife Society Bulletin* 32: 1000-1006.
- Yaremych, S. A., J. M. Levengood, R. J. Novak, P. C. Mankin, and R. E. Warner.** 2004. Gender determination and lack of sex-specific West Nile virus mortality in American crows. *Wildlife Society Bulletin* 32: 893-899.
- ## GENERAL DISEASE AND OTHER DISEASES
- Arenas, A. J., S. Napp, A. Arenas-Montes, C. Borge, A. Carbonero, A. Perea, R. Cadenas, and I. Garcia-Bocanegra.** 2012. Serological response against myxoma virus and rabbit hemorrhagic disease virus in European wild rabbits using commercial vaccines. *Journal of Wildlife Management* 76: 102-107.
- Calvete, C., R. Estrada, J. J. Osacar, J. Lucientes, and R. Villafuerte.** 2004. Short-term negative effects of vaccination campaigns against myxomatosis and viral hemorrhagic disease (VHD) on the survival of European wild rabbits. *Journal of Wildlife Management* 68: 198-205.
- Carmichael, C.** 2012. Coordinating an effective response to wildlife diseases. *Wildlife Society Bulletin* 36: 204-206.
- Decker, D. J., W. F. Siemer, M. A. Wild, K. T. Castle, D. Wong, K. M. Leong, and D. T. N. Evensen.** 2011. Communicating about zoonotic disease: strategic considerations for wildlife professionals. *Wildlife Society Bulletin* 35: 112-119.
- Fischer, J. W., G. E. Phillips, D. M. Baasch, M. J. Lavelle, and K. C. Vercauteren.** 2011. Modifying elk (*Cervus elaphus*) behavior with electric fencing at established fence-lines to reduce disease transmission potential. *Wildlife Society Bulletin* 35: 9-14.
- Gardner, C. L., K. B. Beckman, N. J. Pamperin, and P. Del Vecchio.** 2013. Experimental treatment of dog lice infestation in interior Alaska wolf packs. *Journal of Wildlife Management* 77: 626-632.
- Gionfriddo, J. P., A. J. Denicola, L. A. Miller, and K. A. Fagerstone.** 2011. Health effects of GnRH immunocontraception of white-tailed deer in New Jersey. *Wildlife Society Bulletin* 35: 149-160.
- Hernandez, F., L. A. Brennan, S. J. DeMaso, J. P. Sands, and D. B. Wester.** 2013. On reversing the northern bobwhite population decline: 20 years later. *Wildlife Society Bulletin* 37: 177-188.
- Hopkins, W. A., L. B. Hopkins, J. M. Unrine, J. Snodgrass, and J. D. Elliot.** 2007. Mercury concentrations in tissues of

- osprey from the Carolinas, USA. *Journal of Wildlife Management* 71: 1819-1829.
- Jachowski, D. S., N. L. Brown, M. Wehtje, D. W. Tripp, J. J. Millspaugh, and M. E. Gompper.** 2012. Mitigating plague risk in Utah prairie dogs: evaluation of systemic flea-control product. *Wildlife Society Bulletin* 36: 167-175.
- Jansen, B. D., P. R. Jrausman, J.R. Heffelfinger, T. H. Noon, and J. C. Devos Jr.** 2007. Population dynamics and behavior of bighorn sheep with infectious keratocununctivitis. *Journal of Wildlife Management* 71: 571-575.
- Johnson, T. L., J. F. Cully, S. K. Collinge, C. Ray, C. M. Frey, and B. K. Sandercock.** 2011. Spread of plague among black-tailed prairie dogs is associated with colony spatial characteristics. *Journal of Wildlife Management* 75: 357-368.
- Kjaer, L. J., E. M. Schauber, and C. K. Nielsen.** 2008. Spatial and temporal analysis of contact rates in female white-tailed deer. *Journal of Wildlife Management* 72: 1819-1825.
- Lavelle, M. J., J. W. Fischer, S. E. Hygnstrom, J. J. White, A. M. Hildreth, G. E. Phillips, and K. C. Vercauteren.** 2010. Response of deer to containment by a poly-mesh fence for mitigating disease outbreaks. *Journal of Wildlife Management* 74: 1620-1625.
- Lavelle, M. J., K. C. Vercauteren, T. J. Hefley, G. E. Phillips, S. E. Hygnstrom, D. B. Long, J. W. Fischer, S. R. Swafford, and T. A. Campbell.** 2011. Evaluation of fences for containing feral swine under simulated depopulation conditions. *Journal of Wildlife Management* 75: 1200-1208.
- Longcore, J. R., H. Boyd, R. T. Brooks, G. M. Haramis, D. K. McNicol, J. R. Newman, K. A. Smith, and F. Stearns.** 1993. Acidic depositions: effects on wildlife and habitats. *The Wildlife Society Technical Review* 93-1. The Wildlife Society, Bethesda, MD, USA.
- McCoy, R. H., S. L. Murphie, M. Szykman Gunther, and B. L. Murphie.** 2014. Influence of hair loss syndrome on black-tailed deer fawn survival. *Journal of Wildlife Management* 78: 1177-1188.
- Mineau, P., and L. J. Brownlee.** 2005. Road salts and birds: an assessment of the risk with particular emphasis on winter finch mortality. *Wildlife Society Bulletin* 33: 835-841.
- Mitchell, M. S., J. A. Gude, N. J. Anderson, J. M. Ramsey, M. J. Thompson, M. G. Sullivan, V. L. Edwards, C. N. Gower, J. F. Cochrane, E. R. Irwin, and T. Walshe.** 2013. Using structured decision making to manage disease risk for Montana wildlife. *Wildlife Society Bulletin* 37: 107-114.
- Murray, D. L., E. W. Cox, W. B. Ballard, H. A. Whitlaw, M. S. Lenarz, T. W. Custer, T. Barnet, and T. K. Fuller.** 2006. Pathogens, nutritional deficiency, and climate influences on a declining moose population. *Wildlife Monographs* 166: 1-30.
- Nusser, S. M., W. R. Clark, D. L. Otis, and L. Huang.** 2008. Sampling considerations for disease surveillance in wildlife populations. *Journal of Wildlife Management* 72: 52-60.
- Page, L. K., S. D. Gehrt, K. K. Titcombe, and N. P. Robinson.** 2005. Measuring prevalence of raccoon roundworm (*Baylisascaris procyonis*): a comparison of common techniques. *Wildlife Society Bulletin* 33: 1406-1412.
- Peterson, M. J.** 2004. Parasites and infectious diseases of prairie grouse: should managers be concerned? *Wildlife Society Bulletin* 32: 35-55.
- Powers, J. G., R. J. Monello, M. A. Wild, T. R. Spraker, J. P. Gionfriddo, T. M. Nett, and D. L. Baker.** 2014. Effects of GonaCon immunocontraceptive vaccine in free-ranging female Rocky Mountain elk (*Cervus elaphus nelson*). *Wildlife Society Bulletin* 38: 650-656.
- Ramsey, D. R.** 2007. Effects of fertility control on behavior and disease transmission in brushtail possums. *Journal of Wildlife Management* 71: 109-116.
- Robert, K., D. Garant, and F. Pelletier.** 2012. Keep in touch: does spatial overlap correlate with contact rate frequency? *Journal of Wildlife Management* 76: 1670-1675.
- Smyser, T. J., L. K. Page, S. A. Johnson, C. M. Hudson, K. F. Kellner, R. K. Swihart, and O. E. Rhodes Jr.** 2013. Management of raccoon roundworm in free-ranging raccoon populations via anthelmintic baiting. *Journal of Wildlife Management* 77: 1372-1379.
- Triezenberg, H. A., M. L. Gore, S. J. Riley, and M. K. Lapinski.** 2014. Persuasive communication aimed at achieving wildlife-disease management goals. *Wildlife Society Bulletin*, DOI: 10.1002/wsb.462.
- Vercauteren, K. C., M. J. Lavelle, N. M. Seward, J. W. Fischer, and G. E. Phillips.** 2007. Fence-line contact between wild and farmed white-tailed deer in Michigan: potential for disease transmission. *Journal of Wildlife Management* 71: 1603-1606.
- Vercauteren, K. C., M. J. Lavelle, N. W. Seward, J. W. Fischer, and G. E. Phillips.** 2007. Fence-line contact between wild and farmed cervids in Colorado: potential for disease transmission. *Journal of Wildlife Management* 71: 1594-1602.
- Walrath, R., T. R. Van Deelen, and K. C. VerCauteren.** 2011. Efficacy of proximity loggers for detection of contacts between maternal pairs of white-tailed deer. *Wildlife Society Bulletin* 35: 452-460.
- Wyckoff, A. C., S. E. Henke, T. A. Campbell, D. G. Hewitt, and K. C. VerCauteren.** 2012. Movement and habitat use of feral swine near domestic swine facilities. *Wildlife Society Bulletin* 36: 130-138.