

## References Cited for Final Rule to Remove the Gray Wolf (*Canis lupus*) from the List of Endangered and Threatened Wildlife

- Adams, L.G., R.O. Stephenson, B.W. Dale, R.T. Ahgook, and D.J. Demma. 2008. Population dynamics and harvest characteristics of wolves in the central Brooks Range, Alaska. *Wildlife Monographs* 170:1-25.
- Åkesson, M., O. Liberg, H. Sand, et al. 2016. Genetic rescue in a severely inbred wolf population. *Molecular Ecology* 25(19):4745-4756.
- Allen, M.L., M.J. Farmer, J.D.J. Clare, E.R. Olson, J. VanStappen, and T.R. Van Deelen. 2018. Is there anybody out there? Occupancy of the carnivore guild in a temperate archipelago. *Community Ecology* 19(3):272-280.
- Allendorf, F.W., P.R. England, G. Luikart, P.A. Ritchie, and N. Ryman. 2008. Genetic effects of harvest on wild animal populations. *Trends in Ecology and Evolution* 23(6): 327-337.
- Almberg, E.S., L.D. Mech, D.W. Smith, J.W. Sheldon, R.L. Crabtree. 2009. A serological survey of infectious disease in Yellowstone National Park's canid community. *PLoS ONE* 4(9).
- Almberg, E.S., P.C. Cross, A.P. Dobson, D.W. Smith, and P.J. Hudson. 2012. Parasite invasion following host reintroduction: as case study of Yellowstone's wolves. *Philosophical Transactions of the Royal Society B* 367:2840-2851.
- Asa, C., P. Miller, M. Agnew, et al. 2007. Relationship of inbreeding with sperm quality and reproductive success in Mexican gray wolves. *Animal Conservation* 10(3):326-331.
- Atkinson, M.W. 2006. Disease surveillance in gray wolves in Montana: 2003-2006. Unpublished Montana FWP Report. 7 pp. in Bailey, R.G. 1995. Description of the ecoregions of the United States. 2nd Ed. Misc Publ. No. 1391, WA., D.C., USDA Forest Service. 108 pp.
- Ausband, D.E., Rich, L.N., Glenn, E.M., Mitchell, M.S., Zager, P., Miller, D.A., Waits, L.P., Ackerman, B.R., and Mack, C.M. 2014. Monitoring gray wolf populations using multiple survey methods. *Journal of Wildlife Management* 78(2):335-346.
- Ausband, D.E., C.R. Stansbury, J.L. Stenglein, J.L. Struthers, and L.P. Waits. 2015. Recruitment in a social carnivore before and after harvest. *Animal Conservation* 18:415-423.
- Ausband, D.E. 2016. Gray wolf harvest in Idaho. *Wildlife Society Bulletin* 40:500-505.
- Ausband, D.E., M.S. Mitchell, C.R. Stansbury, J.L. Stenglein, and L.P. Waits. 2017a. Harvest and group effects on pup survival in a cooperative breeder. *Proceedings of the Royal Society B* 284:20170580.

- Ausband, D.E., M.S. Mitchell, and L.P. Waits. 2017b. Effects of breeder turnover and harvest on group composition and recruitment in a social carnivore. *Journal of Animal Ecology* 86:1094-1101.
- Bad River Band of Chippewa Indian Natural Resource Department. 2013. Bad River Band's Ma'iingan (Wolf) Management Plan. Bad River Band of Lake Superior Tribe of Chippewa Indians NATural Resource Department, Odanah, WI, USA. 47 pp.
- Bailey, T.N., E.E. Bangs, and R.O. Peterson. 1995. Exposure of wolves to canine parvovirus and distemper on the Kenai National Wildlife Refuge, Alaska, 1976–1988. Pages 441-446 *in* L.N. Carbyn, S.H. Fritts, and D.R. Seip. 1995. Ecology and conservation of wolves in a changing world. Canadian Circumpolar Institute, Occasional Publication No. 35. Edmonton, Alberta. 642 pp.
- Bangs, E.E. 2002. Wolf population viability peer review – draft summary. U.S. Fish and Wildlife Service, Ecological Services, 100 N. Park, Suite 320, Helena, Montana. Unpublished report. 9pp.
- Bangs, E.E., J.A. Fontaine, M.D. Jimenez, T.J. Meier, E.H. Bradley, C.C. Niemeyer, D.W. Smith, C.M. Mack, V. Asher, and J.K. Oakleaf. 2005. Managing wolf-human conflict in the northwestern United States. Pages 340–356 *in* R. Woodroffe, S. Thirgood, and A. Rabinowitz, eds. 2005. *People and Wildlife: Conflict or Coexistence?* Cambridge University Press, Cambridge, UK.
- Bangs, E., M. Jimenez, C. Niemeyer, J. Fontaine, M. Collinge, R. Krischke, L. Handegard, J. Shivik, C. Sime, S. Nadeau, C. Mack, D.W. Smith, V. Asher, and S. Stone. 2006. Non-lethal and lethal tools to manage wolf-livestock conflict in the northwestern United States. *Proceedings of the Vertebrate and Pest Conference* 22:7-16.
- Bangs, E., M. Jimenez, C. Sime, S. Nadeau, and C. Mack. 2009. The art of wolf restoration in the northwestern United States: where to now? Pages 95-114 *in* M. Musiani, L. Boitani, and P.C. Paquet, editors. *A New Era for Wolves and People: Wolf Recovery, Human Attitudes, and Policy*. University of Calgary Press, Calgary, Alberta, Canada.
- Bangs, E. 2010. Service review of the 2009 wolf population in the NRM DPS. Memorandum dated April 26, 2010. U.S. Fish and Wildlife Service, Helena, Montana. 3 pp.
- Bassing, S.B., D.E. Ausband, M.S. Mitchell, P. Lukacs, A. Keever, G. Hale, and L. Waits. 2019. Stable pack abundance and distribution in a harvested wolf population. *The Journal of Wildlife Management* 83:577-590.
- Becker, S. 2018a. Service review of the 2017 wolf population in Wyoming. Memorandum dated April 27, 2018. U.S. Fish and Wildlife Service, Lander, Wyoming. 3 pp.

- Becker, S. 2018b. U.S. Fish and Wildlife Service, Lander, Wyoming. Subject: Review of Wyoming Game and Fish Department 2018 wolf hunting regulations. Dated August 24, 2018. Memorandum to file.
- Becker, S. 2019. Service review of the 2018 wolf population in Wyoming. Memorandum dated May 2, 2019. U.S. Fish and Wildlife Service, Lander, Wyoming. 3 pp.
- Beever, E.A., O’Leary, J., Mengelt, C., et al. 2016. Improving conservation outcomes with a new paradigm for understanding species’ fundamental and realized adaptive capacity. *Conservation Letters* 9(2): 131-137.
- Belant, J. and L. Adams. 2010. Wolves Will Not Provide Small-scale Ecological Restoration. *Bioscience* 60(7):485.
- Bennett, L.E. 1994. Colorado gray wolf recovery: a biological feasibility study. Wyoming Cooperative Fish and Wildlife Research Unit, University of Wyoming, Laramie, Wyoming.
- Bergerud, A.T. and J.P. Elliott. 1998. Wolf predation in a multiple-ungulate system in northern British Columbia. *Canadian Journal of Zoology* 76:1551-1569.
- Bernales, H.H., K.R. Hersey, and C. Jones. 2018. Utah big game annual report 2017. Annual Performance Report for Federal Aid Project W-65-M, segments 65 and 66. Publication No. 18-21. Utah Division of Wildlife Resources, Salt Lake City, Utah.
- Beyer, D., T. Hogrefe, R.B. Peyton, P. Bull, J.P. Burroughs, and P. Lederle (editors). 2006. Review of social and biological science relevant to wolf management in Michigan. Michigan DNR, Lansing, MI. Wildlife Division Report No. 3457, June 2006. 149 pp. plus 11 appendices.
- Beyer, D.E. Jr., R.O. Peterson, J.A. Vucetich, J.H. Hammill. 2009. Wolf population monitoring in Michigan. Pp. 65-85 in A.P. Wydeven, T.R. VanDeelen, and E.J. Heske, editors. *Recovery of Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*. Springer, New York, New York, USA.
- Blackfeet Tribal Business Council [BTBC]. 2008. Blackfeet Tribe Wolf Management Plan. 10 pp.
- BLM (Bureau of Land Management). 2008. Bureau Manual 6840 – Special Status Species Management. December 12, 2008.
- Boertje, R.D., P. Valkenburg, and M. McNay. 1996. Increases in moose, caribou, and wolves following wolf control in Alaska. *The Journal of Wildlife Management* 60:474-489.

- Boitani, L., 2003. Wolf conservation and recovery. Pages 317-340 *in* Mech, L.D. and L. Boitani, editors. *Wolves: Behavior, Ecology and Conservation*. University of Chicago Press, Chicago, USA. 448 pp.
- Boonstra, R. 2012. Reality as the leading cause of stress: rethinking the impact of chronic stress in nature. *Functional Ecology* doi:10.1111/1365-2435.12008.
- Borg, B.L., S.M. Brainerd, T.J. Meier, and L.R. Prugh. 2014. Impacts of breeder loss on social structure, reproduction and population growth in a social canid. *Journal of Animal Ecology* 84:177–187.
- Bradley, E.H., H.S. Robinson, E.E. Bangs, K. Kunkel, M.D. Jimenez, J.A. Gude, and T. Grimm. 2015. Effects of wolf removal on livestock depredation recurrence and wolf recovery in Montana, Idaho, and Wyoming. *The Journal of Wildlife Management* DOI:10.1002/jwmg.948.
- Brainerd, S.M., H. Andren, E.E. Bangs, E. Bradley, J. Fontaine, W. Hall, Y. Illiopoulos, M. Jimenez, E. Jozwiak, O. Liberg, C. Mack, T. Meier, C. Niemeyer, H.C. Pedersen, H. Sand, R. Schultz, D.W. Smith, P. Wabakken, and A. Wydeven. 2008. The effects of breeder loss on wolves. *J. of Wildlife Management* 72:89–98.
- Brand, C.J., M.J. Pybus, W.B. Ballard, and R.O. Peterson. 1995. Infectious and parasitic diseases of the gray wolf and their potential effects on wolf populations in North America. Pages 419–429 *in* L.N. Carbyn, S.H. Fritts, and D.R. Seip, eds. 1995. *Ecology and Conservation of Wolves in a Changing World*. Canadian Circumpolar Institute, Occasional Publication No. 35. Edmonton, AB. 642 pp.
- Browne-Nuñez, C., and J.G. Taylor. 2002. *Americans' Attitudes Toward Wolves and Wolf Reintroduction: An Annotated Bibliography*: U.S. Geological Survey Information and Technology Report 2002-0002. 14 p.
- Browne-Nunez, C., A. Treves, D. MacFarland, Z. Voyles, and C. Turng. 2015. Tolerance of wolves in Wisconsin: a mixed-methods examination of policy effects on attitudes and behavioral inclinations. *Biological Conservation* 189:59-71.
- Bryan, H.M, C.T. Darimont, J.E. Hill, P.C. Paquet, R.C. Thompson, B. Wagner, and J.E. Smits. 2012. Seasonal and biogeographical patterns of gastrointestinal parasites in large carnivores: wolves in a coastal archipelago. *Parasitology* 139:781-790.
- Bryan, H.M., J.E.G.Smits, L. Koren, P.C. Paquet, K.E. Wynne-Edwards, and M. Musiani. 2015. Heavily hunted wolves have higher stress and reproductive steroids than wolves with lower hunting pressure. *Functional Ecology* doi:10.1111/1365-2435.12354.
- Bruskotter, J.T., and D.C. Fulton. 2012. Will hunters steward wolves? A comment on Treves and Martin. *Society and Natural Resources* 25:97-102.



- Clendenin, H.R., J.R. Adams, D.E. Ausband, J.A. Hayden, P.A. Hohenlohe, and L.P. Waits. 2020. Combining harvest and genetics to estimate reproduction in wolves. *The Journal of Wildlife Management* 84: 492-504.
- Colorado Parks and Wildlife [CPW] 2018. Colorado chronic wasting disease response plan. December 2018. 41pp.
- Colorado Parks and Wildlife. 2019. Status of Colorado's deer, elk, and moose populations. Colorado Parks and Wildlife. Fort Collins, Colorado.
- Colorado Parks and Wildlife Commission. 2016. Colorado Parks and Wildlife Commission Resolution – 16-01 Regarding Introduction/Reintroduction of Wolves. January 13, 2016, pp 2.  
[https://cpw.state.co.us/Documents/WildlifeSpecies/SpeciesOfConcern/Wolf/2016\\_PWC\\_Resolution\\_Wolves\\_in\\_Colorado.pdf](https://cpw.state.co.us/Documents/WildlifeSpecies/SpeciesOfConcern/Wolf/2016_PWC_Resolution_Wolves_in_Colorado.pdf)
- Colorado Wolf Management Working Group. 2004. Findings and recommendations for managing wolves that migrate into Colorado.  
<https://cpw.state.co.us/Documents/WildlifeSpecies/SpeciesOfConcern/Wolf/recomendations.pdf>. Accessed May 11, 2018.
- Colville Confederated Tribes Fish and Wildlife Department [CCTFWD]. 2017. Colville Confederated Tribes Gray Wolf Management Plan. Colville Confederated Tribes Fish and Wildlife Department. Nespelem, WA. 46 pp.
- Confederated Salish and Kootenai Tribes [CSKT]. 2015. Northern Gray Wolf Management Plan for the Flathead Indian Reservation. Pablo, Montana. 17pp.
- Congressional Research Service. 2020. Federal Land Ownership: Overview and Data. Updated February 21, 2020. 28 pp.
- Cook, R.C., J.G. Cook, D.J. Vales, B.K. Johnson, S.M. McCorquodale, L.A. Shipley, R.A. Riggs, L.L. Irwin, S.L. Murphie, B.L. Murphie, K.A. Schoenecker, F. Geyer, P.B. Hall, R.D. Spencer, D.A. Immell, D.H. Jackson, B.L. Tiller, P.J. Miller, and L.Schmitz. 2013. Regional and seasonal patterns of nutritional condition and reproduction in elk. *Wildlife Monographs* 184:1-44.
- Cooley, H. 2011. U.S. Fish and Wildlife Service, Boise, Idaho. Subject: Review of Idaho Department of Fish and Game 2011-2012 wolf hunting regulations. Dated August 25, 2011. Memorandum to file.
- Cooley, H. 2012. U.S. Fish and Wildlife Service, Boise, Idaho. Subject: Review of Idaho Department of Fish and Game 2012-2013 wolf hunting regulations. Dated August 17, 2012. Memorandum to file.

- Cooley, H. 2013. U.S. Fish and Wildlife Service, Boise, Idaho. Subject: Review of Idaho Department of Fish and Game 2013-2014 wolf hunting regulations. Dated October 29, 2013. Memorandum to file.
- Cooley, H. 2014. U.S. Fish and Wildlife Service, Boise, Idaho. Subject: Review of Idaho Department of Fish and Game 2014-2015 wolf hunting regulations. Dated April 15, 2014. Memorandum to file.
- Cornicelli, L. 2008. 2007 Minnesota deer harvest report. Pp. 206-256 in Status of Wildlife Populations Fall 2008. ed. M.H. Dexter. Unpublished report by Minnesota Department of Natural Resources, St. Paul, MN. 300 pp.
- Creel, S. and J.J. Rotella. 2010. Meta-analysis of relationships between human offtake, total mortality and population dynamics of gray wolves (*Canis lupus*). PLoS ONE 5(9):e12918.
- Cubaynes, S., D.R. MacNulty, D.R. Stahler, K.A. Quimby, D.W. Smith, and T. Coulson. 2014. Density-dependent intraspecific aggression regulates survival in northern Yellowstone wolves (*Canis lupus*). Journal of Animal Ecology DOI:10.1111/1365-2656.12238.
- Dawson, T.P., S.T. Jackson, J.I. House, I.C. Prentice, and G.M. Mace. 2011. Beyond predictions: Biodiversity conservation in a changing climate. Science 332: 53-58.
- DeCesare, N.J., S.M. Wilson, E.H. Bradley, J.A. Gude, R.M. Inman, N.J. Lance, K. Laudon, A.A. Nelson, M.S. Ross, and T.D. Smucker. 2018. Wolf-livestock conflict and the effects of wolf management. The Journal of Wildlife Management DOI:10.1002/jwmg.21419.
- Decker, D.J., C.A. Jacobson, and T.L. Brown. 2006. Situation-specific “impact dependency” as a determinant of management acceptability: insights from wolf and grizzly bear management in Alaska. Wildlife Society Bulletin 34:426-432.
- DelGiudice, G.D., K.R. McCaffery, D.E. Beyer Jr., and M.E. Nelson. 2009. Prey of wolves in the Great Lakes region. Pp. 155-173 in A.P. Wydeven, T.R. VanDeelen, and E.J. Heske, editors. Recovery of Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story. Springer, New York, New York, USA.
- DeVivo, M.T., D.R. Edmunds, M.J. Kauffman, B.A. Schumaker, J. Binfet, T.J. Kreeger, B.J. Richards, H.M. Schätzl, and T.E. Cornish. 2017. Endemic chronic wasting disease causes mule deer population decline in Wyoming. PLoS ONE 12(10):e0186512. <http://doi.org/10.1371/journal.pone.0186512>.
- Eacker, D.R., M. Hebblewhite, K.M. Proffitt, B.S. Jimenez, M.S. Mitchell, and H.S. Robinson. 2016. Annual elk calf survival in a multiple carnivore system. The Journal of Wildlife Management 80:1345-1359.

- Eastern Shoshone and Northern Arapaho Tribes. 2007. Wolf Management Plan for the Wind River Reservaion. Ft. Washakie and Ethete, Wyoming. 11pp.
- Eastern Shoshone and Northern Arapaho Tribes. 2008. Wolf management plan for the Wind River Reservation – 2<sup>nd</sup> Edition. Fort Washakie and Ethete, Wyoming. 11 pp.
- Eberhardt, L.L. 1997. Is wolf predation ratio-dependent? *Canadian Journal of Zoology* 75:1940-1944.
- Edmunds D.R., M.J. Kauffman, B.A. Schumaker, F.G. Lindzey, W.E. Cook, T.J. Kreeger, R.G. Grogan, and T.E. Cornish. 2016. Chronic wasting disease drives population decline of white-tailed deer. *PLoS ONE* 11, 1–19.
- Eklund, A., J.V. Lopez-Bao, M. Tourani, G. Chapron, and J. Frank. 2017. Limited evidence on the effectiveness of interventions to reduce livestock predation by large carnivores. *Scientific Reports* 7:2097. <https://doi.org/10.1038/s41598-017-02323-w>.
- Epstein, Y. 2017. Killing wolves to save them? Legal responses to ‘tolerance hunting’ in the European Union and United States. *Reciel* 26:19-29.
- Erb, J. 2008. Distribution and abundance of wolves in Minnesota, 2007-2008. Unpublished report by Minnesota Department of Natural Resources, St. Paul, MN. 11 pp.
- Erb, J. and S. Benson. 2004. Distribution and abundance of wolves in Minnesota, 2003-04. Unpublished report by Minnesota Department of Natural Resources, Grand Rapids, MN. 13 pp.
- Erb, J. and M. W. DonCarlos. 2009. An overview of the legal history and population status of wolves in Minnesota. pp. 49-64 in A.P. Wydeven, T. R. Van Deelen, and E.J. Heske. *Recovery of Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*. Springer, New York, NY, USA.
- Erb, J., C. Humpal, B. Sampson. 2018. Distribution and Abundance of Wolves in Minnesota, 2017-18. Minnesota Department of Natural Resources, St. Paul.
- Escobar, L.E., S. Pritzkow, S.N. Winter, D.A. Grear, M.S. Kirchgessner, E. Dominguez-Villegas, G. Machado, A.T. Peterson, and C. Soto. 2020. The ecology of chronic wasting disease in wildlife. *Biological Reviews*, Cambridge Philosophical Society 95:393-408.
- Fain, S.R., D.J. Straughan, B.F. Taylor. 2010. Genetic outcomes of wolf recovery in the western Great Lakes states. *Conservation Genetics* 11:1747-1765.
- Forbes, S.H., D.K. Boyd. 1996. Genetic variation of naturally colonizing wolves in the central Rocky Mountains. *Conservation Biology* 10(4):1082-1090.

- Foreyt, W.J., M.L. Drew, M. Atkinson, D. McCauley. 2009. *Echinococcus granulosus* in Gray Wolves and Ungulates in Idaho and Montana, USA. *Journal of Wildlife Diseases*, 45(4), pp. 1208-1212.
- Frankham, R. 2010. Inbreeding in the wild really does matter. *Heredity* 104:124.
- Frankham, R., Bradshaw, C.J., Brook, B.W. 2014. Genetics in conservation management: Revised recommendations for the 50/500 rules, Red List criteria and population viability analyses. *Biological Conservation* 170: 56-63.
- Fredrickson, R.J., P. Siminski, M. Woolf, and P.W. Hedrick. 2007. Genetic rescue and inbreeding depression in Mexican wolves. *Proceedings of the Royal Society B* 274:2365-2371.
- Fritts, S. H. and L. N. Carbyn. 1995. Population viability, nature preserves, and the outlook for gray wolf conservation in North America. *Restoration Ecology* 3(1):26-38.
- Fritts, S.H., E.E. Bangs, J.A. Fontaine, M.R. Johnson, M.K. Phillips, E.D. Koch, and J.R. Gunson. 1997. Planning and implementing a reintroduction of wolves to Yellowstone National Park and central Idaho. *Restoration Ecology* 5:7-27.
- Fritts, S.H., R.O. Stephenson, R.D. Hayes, and L. Boitani. 2003. Wolves and humans. Pages 289-316 in Mech, L.D., and L. Boitani, editors. *Wolves: behavior, ecology, and conservation*. The University of Chicago Press, Chicago, Illinois, USA. 466 pp.
- Fuller, T.K. 1989. Population dynamics of wolves in north central Minnesota. *Wildl. Monogr.* 105. 41 pp.
- Fuller, T.K., W.E. Berg, G.L. Radde, M.S. Lenarz, and G.B. Joselyn. 1992. A history and current estimate of wolf distribution and numbers in Minnesota. *Wildlife Society Bulletin* 20:42-54.
- Fuller, T.K., L.D. Mech, and J.F. Cochrane. 2003. Wolf population dynamics. Pages 161-191 in L.D. Mech and L. Boitani (eds.). *Wolves: Behavior, Ecology, and Conservation*. University of Chicago Press, Chicago, IL. 448 pp.
- Gehring, T.M. and B.A. Potter. 2005. Wolf habitat analysis in Michigan: an example of the need for proactive land management for carnivore species. *Wildlife Soc. Bulletin* 33(4): 1237-1244.
- Gese, E.M. and L.D. Mech. 1991. Dispersal of wolves (*Canis lupus*) in northeastern Minnesota, 1969-1989. *Canadian Journal of Zoology* 69:2946-2955.
- Gogan, P.J.P, W.T. Route, E.M. Olexa, N. Thomas, D. Kuehn. 2004. Gray wolves in and adjacent to Voyageurs National Park, Minnesota: research and synthesis 1987-1991. Technical Report NPS/MWR/RRTR/2004-01. Available from Technical Information

Center, Denver Service Center, National Park Service, P.O. Box 25287, Denver CO 80225-0287. 80 pp.

- Gomez-Sánchez, D. I. Olalde, N. Sastre, et al. 2018. On the path to extinction: Inbreeding and admixture in a declining grey wolf population. *Molecular Ecology* 27(18):3599-3612.
- Groen, C., J. Maurier, and S. Guertin. 2008. Memorandum of understanding: protection of genetic diversity of NRM gray wolves. Dated December 8, 2008. 4 pp.
- Gude, J.A., M.S. Mitchell, R.E. Russell, C.A. Sime, E.E. Bangs, L.D. Mech, and R.R. Ream. 2012. Wolf population dynamics in the U.S. northern Rocky Mountains are affected by recruitment and human-caused mortality. *The Journal of Wildlife Management* 76:108-118.
- Hall, E.R. 1981. *The mammals of North America*. 2nd ed. Vol II. New York. Wiley.
- Hammill, J. 2007. Policy issues regarding wolves in the Great Lakes Region. *Transactions of the 72<sup>nd</sup> North American Wildlife and Natural Resources Conference*, pp. 378-390.
- Hampton, B. 1997. *The great American wolf*. Henry Holt and Co.: New York. 320 pp.
- Hanley, Z.L., H.S. Cooley, B.T. Maletzke, and R.B. Wielgus. 2018a. Forecasting cattle depredation risk by recolonizing gray wolves. *Wildlife Biology* 2018:wlb.00419.
- Hanley, Z.L., H.S. Cooley, B.T. Maletzke, and R.B. Wielgus. 2018b. Cattle depredation risk by gray wolves on grazing allotments in Washington. *Global Ecology and Conservation* 16:e00453. <https://doi.org/10.1016/j.gecco.2018.e00453>.
- Harding, L.E., J. Heffelfinger, D. Paetkau, et al. 2016. Genetic management and setting recovery goals for Mexican wolves (*Canis lupus baileyi*) in the wild. *Biological Conservation* 203:151-159.
- Harper, E.K., W.J. Paul, L.D. Mech, and S. Weisberg. 2008. Effectiveness of lethal, directed wolf-depredation control in Minnesota. *Journal of Wildlife Management* 72:778-784.
- Harrison, D.J. and T.G. Chapin. 1997. An assessment of potential habitat for eastern timber wolves in the northeastern United States and connectivity with occupied habitat in southeastern Canada. *Wildl. Cons. Soc., Bronx, NY. Working Pap. No. 7*. 12 pp.
- Hayes, R.D. and A.S. Harestad. 2000. Demography of a recovering wolf population in the Yukon. *Canadian Journal of Zoology* 78:36-48.
- Hayes, R.D., R. Farnell, R.M.P. Ward, J. Carey, M. Dehn, G.W. Kuzyk, A.M. Baer, C.L. Gardner, and M. O'Donoghue. 2003. Experimental reduction of wolves in the Yukon: ungulate responses and management implications. *Wildlife Monographs* 152:1-35.

- Hebblewhite, M., D.H. Pletscher, and P.C. Paquet. 2002. Elk population dynamics in areas with and without predation by recolonizing wolves in Banff National Park, Alberta. *Canadian Journal of Zoology* 80:789-799.
- Hedrick, P.W., R.O. Peterson, L.M. Vucetich, et al. 2014. Genetic rescue in Isle Royale wolves: genetic rescue and the collapse of the population. *Conservation Genetics* 15:1111–1121.
- Hedrick, P.W., J.A. Robinson, R.O. Peterson, and J.A. Vucetich. 2019. Genetics and extinction and the example of Isle Royale wolves. *Animal Conservation* 22(3):302-309.
- Heinrichs, J., J. Lawler, N. Schumaker, C. Wilsey, and D. Bender. 2015. Divergence of sink contributions to population persistence. *Conservation Biology*. 29(6): 1674-1683.
- Hendricks, S.A., R.M. Schweizer, R.J. Harrigan, J.P. Pollinger, P.C. Paquet, C.T. Darimont, J.R. Adams, L.P. Waits, B.M. vonHoldt, P.A. Hohenlohe, and R.K. Wayne. 2018. Natural recolonization and admixture of wolves (*Canis lupus*) in the US Pacific Northwest: challenges for protection and management of rare and endangered taxa. *Heredity* 122:133-149.
- Hendricks, S.A., R.M. Schweizer, and R.K. Wayne. 2019. Conservation genomics illuminates the adaptive uniqueness of North American gray wolves. *Conservation Genetics* 20:29-43.
- Heppenheimer, E., R.J. Harrigan, L.Y. Rutledge, K. Koepfli, A.L. DeCandia, K.E. Brziski, J.F. Benson, T. Weeldon, B.R. Patterson, R. Kays, P.A. Hohenlohe, and B.M. vonHoldt. 2018. Population genomic analysis of North American eastern wolves (*Canis lycaon*) supports their conservation priority status. *Genes* 9(12):606.
- Hobbs, N.T. 2006. A model of effects of wolf predation on prevalence of chronic wasting disease in elk populations of Rocky Mountain National Park. National Park Service Report. April 12, 2006. 9pp.
- Hogberg, J., A. Treves, B. Shaw, and L. Naughton-Treves. 2016. Changes in attitudes toward wolves before and after an inaugural hunting and trapping season: early evidence from Wisconsin's wolf range. *Environmental Conservation* 43:45-55.
- Holsman, R., N. Kaner, and J. Petchenik. 2014. Public attitudes towards wolves and wolf management in Wisconsin – Draft. Wisconsin Department of Natural Resources, Madison, Wisconsin. 177 pp.
- Horne, J.S., D.E. Ausband, M.A. Hurley, J. Struthers, J.E. Berg, and K. Groth. 2019a. Integrated population model to improve knowledge and management of Idaho wolves. *The Journal of Wildlife Management* 83:32-42.
- Horne, J.S., M.A. Hurley, C.G. White, and J. Rachael. 2019b. Effects of wolf pack size and winter conditions on elk mortality. *The Journal of Wildlife Management* 83:1103-1116.

- Houston, M.J., J.T. Bruskotter, and D. Fan. 2010. Attitudes towards wolves in the United States and Canada: A content analysis of the print news media, 1999-2008. *Human Dimensions of Wildlife* 15:389-403.
- Howe, R., G. Davis, and V. Mosca. 1991. The demographic significance of 'sink' populations. *Biological Conservation* 57:239-255.
- Huntzinger, B., J.A. Vucetich, T.D. Drummer, and R.O. Peterson. 2005. Wolf recovery in Michigan, 2005 annual report. Michigan Technological University, Houghton, MI. 39 pp.
- IDFG (Idaho Department of Fish and Game). 2000. Policy for avian and mammalian predator management. <https://idfg.idaho.gov/conservation/predators/policy-avian-mammalian>. Accessed May 22, 2020.
- IDFG (Idaho Department of Fish and Game). 2011. Idaho Department of Fish and Game predation management plan for the Lolo and Selway elk zones. Idaho Department of Fish and Game, Boise, Idaho. 17 pp.
- IDFG (Idaho Department of Fish and Game). 2014a. Predation management plan for the Middle Fork elk zone. Idaho Department of Fish and Game, Boise, Idaho. 19 pp.
- IDFG (Idaho Department of Fish and Game). 2014b. Predation management plan for the Panhandle elk zone. Idaho Department of Fish and Game, Boise, Idaho. 18 pp.
- IDFG (Idaho Department of Fish and Game). 2014c. Idaho Department of Fish and Game predation management plan for the Sawtooth elk management zone. Idaho Department of Fish and Game, Boise, Idaho. 17 pp.
- IDFG (Idaho Department of Fish and Game). 2014d. Idaho Elk Management Plan 2014-2024. Idaho Department of Fish and Game, Boise, Idaho.
- IDFG (Idaho Department of Fish and Game). 2016. 2015 Idaho wolf monitoring progress report. Idaho Department of Fish and Game, Boise, Idaho. 71 pp.
- IDFG (Idaho Department of Fish and Game). 2017. Statewide Report: Wolf surveys and inventories. Idaho Department of Fish and Game, Boise, Idaho.
- IDFG (Idaho Department of Fish and Game). 2018. Strategy for chronic wasting disease; prevention, detection, and management for Idaho's wild cervids (deer, elk, and moose). 23pp.
- IDFG (Idaho Department of Fish and Game). 2019a. Idaho Mule Deer Management Plan 2020-2025. Idaho Department of Fish and Game, Boise, Idaho.

- IDFG (Idaho Department of Fish and Game). 2019b. Idaho White-tailed Deer Management Plan 2020-2025. Idaho Department of Fish and Game, Boise, Idaho.
- Idaho Legislative Wolf Oversight Committee. 2002. Idaho wolf conservation and management plan. Idaho Legislative Wolf Oversight Committee, as modified by the 56<sup>th</sup> Idaho legislature, second regular session. <https://idfg.idaho.gov/old-web/docs/wolves/plan02.pdf>. Accessed March 16, 2020. 32 pp.
- Inman, B., K. Podruzny, T. Smucker, A. Nelson, M. Ross, N. Lance, T. Parks, D. Boyd and S. Wells. 2019. Montana Gray Wolf Conservation and Management 2018 Annual Report. Montana Fish, Wildlife & Parks. Helena, Montana.
- Jara, R.F., A.P. Wydeven, M.D. Samuel. 2016. Gray wolf exposure to emerging vector-borne diseases in Wisconsin with comparison to domestic dogs and humans. PLoS ONE 11(11).
- Jensen, W.F., T.K. Fuller, and W.L. Robinson. 1986. Wolf, *Canis lupus*, distribution on the Ontario-Michigan border near Sault Ste. Marie. Can. Field-Nat. 100(3):363-366.
- Jimenez, M.D., D.W. Smith, S.P. Woodruff, D.R. Stahler, E. Albers, and R.F. Krischke, 2009. Wyoming Wolf Recovery 2008 Annual Report. Pages WY-1 to WY-46 in Rocky Mountain Wolf Recovery 2008 Interagency Annual Report. C.A. Sime and E.E. Bangs, eds. U.S. Fish and Wildlife Service, Helena, Montana.
- Jimenez, M.D., E.E. Bangs, M. Drew, S. Nadeau, V.J. Asher, and C. Sime. 2010. Dog lice (*Trichodectes canis*) found on wolves (*Canis lupus*) in Montana and Idaho. Northwestern Naturalist 91:331–333.
- Jimenez, M. 2012. Service review of the 2011 wolf population in the NRM DPS. Memorandum dated April 12, 2012. U.S. Fish and Wildlife Service, Jackson, Wyoming. 4 pp.
- Jimenez, M. 2013a. Service review of the 2012 wolf population in the NRM DPS. Memorandum dated March 29, 2013. U.S. Fish and Wildlife Service, Jackson, Wyoming. 3 pp.
- Jimenez, M. 2013b. U.S. Fish and Wildlife Service, Jackson, Wyoming. Subject: Review passage of Wyoming Senate File 132 and Montana House Bill 73. Dated February 22, 2013. Memorandum to file.
- Jimenez, M. 2014. Service review of the 2013 wolf population in the NRM DPS. Memorandum dated April 21, 2014. U.S. Fish and Wildlife Service, Jackson, Wyoming. 4 pp.
- Jimenez, M. 2015. Service review of the 2014 wolf population in the NRM DPS. Memorandum dated April 15, 2015. U.S. Fish and Wildlife Service, Jackson, Wyoming. 4 pp.
- Jimenez, M. 2016. Service review of the 2015 wolf population in the NRM DPS. Memorandum dated April 4, 2016. U.S. Fish and Wildlife Service, Jackson, Wyoming. 5 pp.

- Jimenez, M.D., E.E. Bangs, D.K. Boyd, D.S. Smith, S.A. Becker, D.E. Ausband, S.P. Woodruff, E.H. Bradley, J.Holyan, K. Laudon. 2017. Wolf Dispersal in the Rocky Mountains, Western United States: 1993-2008. *Journal of Wildlife Management* 81(4):581-592.
- Johnson, M.K, D.K. Boyd, and D.H. Pletscher. 1994. Serologic investigations of canine parvovirus and canine distemper in relation to wolf (*Canis lupus*) mortalities. *Journal of Wildlife Disease* 30:270–273.
- Johnson, M.R. 1995. Rabies in wolves and its potential role in a Yellowstone wolf population. pp. 431-439 in Carbyn, L.N., S.H. Fritts, and D.R. Seip. 1995. Ecology and conservation of wolves in a changing world. Canadian Circumpolar Institute, Occasional Publication No. 35. Edmonton, Alberta. 642 pp.
- Kellert, S.R. 1985. The public and the timber wolf in Minnesota. Unpubl. Rep. Yale Univ. School For. and Environ. Stud., New Haven, CN 175 pp.
- Kellert, S.R. 1990. Public attitudes and beliefs about the wolf and its restoration in Michigan. HBRS, Inc. Madison, WI 102 pp.
- Kellert, S.R. 1999. The public and the wolf in Minnesota, 1999. Unpublished report of the International Wolf Center, dated June, 1999. 412 pp.
- Kellert, S.R., M. Black, G.R. Rush, and A.J. Bath. 1996. Human culture and large carnivore conservation in North America. *Conservation Biology* 10: 977-990.
- Knowles, S., S.K. Windels, M. Adams, and J.S. Hall. 2017. Lambdapapillomavirus 2 in a gray wolf (*Canis lupus*) from Minnesota, USA with oral papillomatosis and sarcoptic mange. *Journal of Wildlife Diseases* 53(4): 925-929.
- Kobl Müller, S., M. Nord, R.K. Wayne, and J.A. Leonard. 2009. Origin and status of the Great Lakes wolf. *Molecular Ecology* 18:2313-2326.
- Kompaniyets, L. and M.A. Evans. 2017. Modeling the relationship between wolf control and cattle depredation. *PLoS ONE* 12: e0187264.  
<https://doi.org/10.1371/journal.pone.0187264>
- Kreeger, T.J. 2003. The internal wolf: physiology, pathology, and pharmacology. Pages 192-217 in Mech, L.D. and L. Boitani, editors. *Wolves: behavior, ecology, and conservation*. The University of Chicago Press, Chicago, Illinois, USA. 466 pp.
- Krumm, C.E., M.M. Conner, N.T. Hobbs, D.O. Hunter, and M.W. Miller. 2010. Mountain lions prey selectively on prion-infected mule deer. *Biology Letters* 6:209-211.
- Larsen, T., and W.J. Ripple. 2006. Modeling gray wolf (*Canis lupus*) habitat in the Pacific Northwest, U.S.A. *Journal of Conservation Planning* 2:30-61.

- Lennox, R.J., A.J. Gallegher, E.G. Ritchie, and S.J. Cook. 2018. Evaluating the efficacy of predator removal in a conflict-prone world. *Biological Conservation* 224:277-289.
- Leonard, J.A., C. Vila, and R.K. Wayne. 2005. Legacy lost: genetic variability and population size of extirpated U.S. grey wolves (*Canis lupus*). *Molecular Ecology* 14:9-17.
- Lewis, M.S., A.L. Metcalf, E.C. Metcalf, C. Phelan, J. Gude, Q. Kujala, and B. Inman. 2018. Summary of research: better understanding Montanans thoughts regarding wolves and wolf management in Montana. HD Unit Research Summary No. 42. Helena, MT: Montana Fish, Wildlife & Parks.
- Liberg, O., G. Chapron, P. Wabakken, H.C. Pedersen, N.T. Hobbs, and H. Sand. 2012. Shoot, shovel, and shut up: cryptic poaching slows restoration of a large carnivore in Europe. *Proceedings of the Royal Society B* 279:910-915.
- Little Traverse Bay Bands of Odawa Indians Natural Resource Department. 2009. Little Traverse Bay Band of Odawa Indians comprehensive gray wolf management plan for the 1855 reservation and portions of the 1836 ceded territory in northern lower Michigan. Harbor Springs, MI. 47 pp.
- Lute, M.L., C.D. Navarrete, M.P. Nelson, and M.L. Gore. 2016. Moral dimensions of human-wildlife conflict. *Conservation Biology* 30:1200-1211.
- Madden, F. 2004. Creating coexistence between humans and wildlife: global perspectives on local efforts to address human-wildlife conflict. *Human Dimensions of Wildlife* 9:247-257.
- Madden, F. and B. McQuinn. 2014. Conservation's blind spot: The case for conflict transformation in wildlife conservation. *Biological Conservation* 178:97-106.
- Maletzke, B.T., R.B. Wielgus, D.J. Pierce, D.A. Martorello, and D.W. Stinson. 2015. A meta-population model to predict occurrence and recovery of wolves. *The Journal of Wildlife Management* DOI: 10.1002/jwmg.1008.
- Manfredo, M.J., T.L. Teel, and A.D. Bright. 2003. Why are public values toward wildlife changing? *Human Dimensions of Wildlife* 8:287-306.
- Manfredo, M.J., L. Sullivan, A.W. Don Carlos, A.M. Dietsch, T.L. Teel, A.D. Bright, and J. Bruskotter. 2018. America's wildlife values: the social context of wildlife management in the U.S. National report from the research project titled 'America's Wildlife Values'. Fort Collins, CO: Colorado State University, Department of Human Dimensions of Natural Resources.
- McFarland, D.M., and J.E. Wiedenhoef. 2013. Wisconsin gray wolf post-delisting monitoring 27 January 2012 through 14 April 2013. Wisconsin DNR, Madison, WI 17pp.

- McFarland, D. and J. Wiedenhoeft. 2015. Wisconsin wolf season report 2014-2015. Wisconsin Department of Natural Resources, Madison, Wisconsin. 6 pp.
- McKelvey, K. S., and P. C. Buotte. 2018. Climate Change and Wildlife in the Northern Rockies Region. *In* Climate Change Vulnerability and Adaptation in the Northern Rocky Mountains, edited by Jessica E. Halofsky, David L. Peterson, S. Karen Dante-Wood, Linh Hoang, Joanne J. Ho and Linda A. Joyce. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain.
- McManus, J.S., A.J. Dickman, D. Gaynor, B.H. Smuts, and D.W. MacDonald. 2015. Dead or alive? Comparing costs and benefits of lethal and nonlethal human-wildlife conflict mitigation on livestock farms. *Oryx* 49:687-695.
- McNay, M. 2002. Wolf-human interactions in Alaska and Canada: a review of the case history. *Wildlife Society Bulletin* 30:831-843.
- Mech, L. D. 1989. Wolf population survival in an area of high road density. *American Midland Naturalist* 121: 387-389.
- Mech, L.D. 2006a. Estimated age structure of wolves in northeastern Minnesota. *Journal of Wildlife Management* 70:1481-1483.
- Mech, L.D. 2006b. Prediction failure of a wolf landscape model. *Wildlife Soc. Bull* 34(3): 874-877.
- Mech, L.D. 2006c. Mladenoff et al. rebut lacks supportive data. *Wildlife Soc. Bull* 34(3): 882-883.
- Mech, L.D. 2010. What is the taxonomic identity of Minnesota wolves? *Canadian Journal of Zoology* 88:129-138.
- Mech, L.D. 2017. Where can wolves live and how can we live with them? *Biological Conservation* 210:310-317.
- Mech, L.D., R.P. Thiel, S.H. Fritts, and W.E. Berg. 1985. Presence and effects of the dog louse *Trichodectes canis* (Mallophaga, Trichdectidae) on wolves and coyotes from Minnesota and Wisconsin. *Am. Midland Naturalist* 114:404-405.
- Mech, L.D., S.H. Fritts, D.L. Radde, and W.J. Paul. 1988. Wolf distribution and road density in Minnesota. *Wildl. Soc. Bull.* 16:85-87.
- Mech, L.D. and S.M. Goyal. 1993. Canine parvovirus effect on wolf population change and pup survival. *Journal of Wildlife Diseases* 29:330-333.
- Mech, L. D. and H. J. Kurtz. 1999. First record of coccidiosis in wolves, *Canis lupus*. *Canadian Field Naturalist* 113:305-306.

- Mech, L. D. and L. Boitani. 2003. *Wolves: behavior, ecology, and conservation*. University of Chicago Press. Chicago, IL.
- Mech, L. D. and L. Boitani. 2003. Wolf social ecology. pages 1–34 *in* Mech, L.D. and L. Boitani, eds. *Wolves: Behavior, Ecology, and Conservation*. University of Chicago Press, Chicago. 448 pp.
- Mech, L.D., S.M. Goyal, W.J. Paul, and W.E. Newton. 2008. Demographic effects of canine parvovirus on a free-ranging wolf population over 30 years. *J. Wildl. Dis.* 44:824-836.
- Mech, D.L. and W.J. Paul. 2008. Wolf body mass cline across Minnesota related to taxonomy? *Canadian Journal of Zoology* 86:933-936.
- Mech, L.D., F. Isbell, J. Krueger, and J. Hart. 2019. Gray wolf (*Canis lupus*) recolonization failure: a Minnesota case study. *The Canadian-Field Naturalist* 133:60-65.
- Mertig, A.G. 2004. Attitudes about wolves in Michigan, 2002. Report to the Michigan Dept. of Natural Resources Wildlife Division. 108 pp.
- Michigan Department of Natural Resources. 2005a. Michigan Department of Natural Resources Wildlife Division Procedure – Guidelines for management and lethal control of wolves following confirmed depredation events. Version 1.04, 9/02/2005. 10 pp., including 2 appendices.
- Michigan Department of Natural Resources. 2005b. Application for a new federal recovery permit. With cover letter from Mindy Koch, dated September 2, 2005. 11pp. plus letter.
- Michigan Department of Natural Resources. 2006. Winter survey results show increase in wolf population. Press release dated July 5, 2006. 1 p.
- Michigan Department of Natural Resources. 2008. Michigan wolf management plan. Lansing, MI. 95 pp.
- Michigan Department of Natural Resources. 2015. Michigan wolf management plan: Updated 2015. Lansing, MI. 101 pp.
- Michigan Department of Natural Resources. 2016. Michigan Deer Management Plan. Wildlife Division report no. 3626. Lansing, MI. 43 pp.
- Michigan Department of Natural Resources. 2017. Requirements and Guidelines for Management of Wolf Depredations. Version 3.6. 14 pp.
- Michigan Department of Natural Resources. 2018. DNR Upper Peninsula wolf survey shows healthy wolf population. MI DNR news release, dated June 14, 2018. <https://www.michigan.gov/dnr/0,4570,7-350-86469-470898--,00.html>

- MDNR (Michigan Department of Natural Resources) and MDARD (Michigan Department of Agriculture and Rural Development). 2012. Michigan surveillance and response plan for chronic wasting disease (CWD) of free-ranging and privately owned cervids. Revised July 18, 2012.
- Middleton, A.D., M.J. Kauffman, D.E. McWhirter, J.G. Cook, R.C. Cook, A.A. Nelson, M.D. Jimenez, and R.W. Klaver. 2013. Animal migration amid shifting patterns of phenology and predation: lessons from a Yellowstone elk herd. *Ecology* 94:1245-1256.
- Miller, M.W., H.M. Swanson, L.L. Wolfe, F. Quartarone, S.L. Huwer, C.H. Southwick, and P.M. Lukacs. 2008. Lions and prions and deer demise. *PLoS ONE* 3(12): e4019. doi:10.1371/journal.pone.0004019.
- Miller, J.R.B., K.J. Stoner, M.R. Cejtin, T.K. Meyer, A.D. Middleton, and O.J. Schmitz. 2016. Effectiveness of contemporary techniques for reducing livestock depredations by large carnivores. *Wildlife Society Bulletin* DOI:10.1002/wsb.720.
- Minnesota Department of Natural Resources. 2001. Minnesota wolf management plan. Prepared by the Section of Wildlife, dated February 2001. 36 pp. plus 9 appendices.
- Minnesota Department of Natural Resources (MN DNR). 2019. Surveillance and management plan for chronic wasting disease in free-ranging cervids in Minnesota. July 2019. 33pp.
- Mladenoff, D. J., T. A. Sickley, R. G. Haight, and A. P. Wydeven. 1995. A Regional Landscape Analysis and Prediction of Favorable Gray Wolf Habitat in the Northern Great Lakes Region. *Conservation Biology* 9: 279-294.
- Mladenoff, D.J., R.G. Haight, T.A. Sickley, and A.P. Wydeven. 1997. Causes and implications of species restoration in altered ecosystems. *Bioscience* 47(1): 21-31.
- Mladenoff, D.J., and T.A. Sickley. 1998. Assessing potential gray wolf restoration in the Northeastern United States: a spatial prediction of favorable habitat and population level. *J. Wildl. Mgmt.* 62:1-10.
- Mladenoff, D. J., T. A. Sickley, and A. D. Wydeven. 1999. Predicting gray wolf landscape recolonization: logistic regression models vs. new field data. *Ecological Applications* 9:37-44.
- Mladenoff, D.J., M.K. Clayton, T.A. Sickley, and A.P. Wydeven. 2006. L.D. Mech critique of our work lacks scientific validity. *Wildlife Soc. Bull.* 34: 878-881.
- Mladenoff, D.J., M.K. Clayton, S.D. Pratt, T.A. Sickley, and A.P. Wydeven. 2009. Change in occupied wolf habitat in the northern Great Lakes region. Pp. 119-138 in A.P. Wydeven, T. R. Van Deelen, and E.J. Heske, eds. *Recovery of Wolves in the Great Lakes Region of*

- the United States: An Endangered Species Success Story. Springer, New York, NY, USA. 350 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2001. Adaptive Management Harvest. Montana Fish, Wildlife, and Parks. Helena, MT.
- MFWP (Montana Fish, Wildlife, and Parks). 2002. Montana Wolf Conservation and Management Planning Document. Helena, MT. 131 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2003. Final Wolf Conservation EIS. Helena, MT. <http://fwp.mt.gov/fishAndWildlife/management/wolf/finalWolfEIS.html>, accessed online 7/30/2020.
- MFWP (Montana Fish, Wildlife, and Parks). 2004. Amended Record of Decision. Montana Gray wolf Conservation and Management Plan. Helena, MT. 3 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2010. The 2009 Montana wolf hunting season: summary. Montana Fish, Wildlife, and Parks. Helena, MT. 6 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2012. 2011 Montana wolf hunting season report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2013. 2012 Montana wolf hunting season report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2014. 2013 Montana wolf hunting season report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2015. 2014 Montana wolf harvest report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2016. 2015 Montana wolf harvest report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2017. 2016 Montana wolf harvest report. Montana Fish, Wildlife, and Parks. Helena, MT. 2 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2018. Montana Gray Wolf Conservation and Management 2017 Annual Report. Montana Fish, Wildlife and Parks. Helena, Montana. 87 pp.
- MFWP (Montana Fish, Wildlife & Parks). 2019a. CWD Management; Chronic Wasting Disease Frequently Asked Questions. <http://fwp.mt.gov/fishAndWildlife/diseasesAndResearch/diseases/chronicWastingDisease/management.html>. Downloaded 7/24/2020.

- MFWP (Montana Fish, Wildlife, and Parks). 2019b. Montana Gray Wolf Conservation and Management 2018 Annual Report. Montana Fish, Wildlife and Parks. Helena, Montana. 83 pp.
- MFWP (Montana Fish, Wildlife, and Parks). 2020a. Montana 2019 Elk Counts. Montana Fish, Wildlife, and Parks. Helena, MT. <http://fwp.mt.gov/fishAndWildlife/management/elk/>
- MFWP (Montana Fish, Wildlife, and Parks). 2020b. 2019 Mule Deer Population Report. Montana Fish, Wildlife, and Parks. Helena, MT. <http://fwp.mt.gov/fishAndWildlife/management/deer/>
- MFWP (Montana Fish, Wildlife, and Parks). 2020c. 2019 White-tailed Deer Population Report. Montana Fish, Wildlife, and Parks. Helena, MT. <http://fwp.mt.gov/fishAndWildlife/management/deer/>
- Much, R.M, S.W. Breck, N.J. Lance, and P. Callahan. 2018. An ounce of prevention: quantifying the effects of non-lethal tools on wolf behavior. *Applied Animal Behaviour Science* 203:73-80.
- Mulder, A.W. 2014. Impacts of Montana public wolf hunting and trapping on tolerance and acceptance of gray wolves among rural resident ranchers, trappers, and big game hunters. Thesis. University of Montana, Missoula, Montana.
- Mule Deer Working Group. 2018. The Wyoming Mule Deer Initiative. Wyoming Game and Fish Department. Cheyenne, WY. 80pp.
- Murray, D.L., D.W. Smith, E.E. Bangs, C. Mack, J.K. Oakleaf, J. Fontaine, D. Boyd, M. Jimenez, C. Niemeyer, T.J. Meier, D. Stahler, J. Holyan, and V.J. Asher. 2010. Death from anthropogenic causes is partially compensatory in recovering wolf populations. *Biological Conservation* 14:2514-2524.
- Musiani, M., T. Muhly, C. Cormack Gates, C. Callaghan, M.E. Smith, and E. Tosoni. 2005. Seasonality and reoccurrence of depredation and wolf control in western North America. *Wildlife Society Bulletin* 33:876-887.
- National Academies of Sciences, Engineering and Medicine. 2019. Evaluating the taxonomic status of the Mexican gray wolf and the red wolf. Washington, D.C. The National Academies Press.
- National Center for Ecological Analysis and Synthesis. 2014. Review of Proposed Rule Regarding Status of the Wolf Under the Endangered Species Act. 68 pp.
- Naughton-Treves, L., R. Grossberg, and A. Treves. 2003. Paying for tolerance: Rural citizens' attitudes toward wolf depredation and compensation. *Cons. Biol.* 17: 1500-1511.

- Nelson, E. and D. Franson. 1988. Timber wolf recovery in Wisconsin: The attitudes of Northern Wisconsin farmers and landowners. Research management findings 13, Madison: Wisconsin Department of Natural Resources.
- Nickel, T. and S. Walther. 2019. Recolonizing gray wolves (*Canis lupus*) in northern California: preliminary analysis of suitable areas for reoccupancy. *Natural Areas Journal* 37:384-390.
- Nicotra, A.B., Beever, E.A., Robertson, A.L., Hofmann, G.E., and O'Leary, J. 2015. Assessing the components of adaptive capacity to improve conservation and management efforts under global change. *Conservation Biology* 29(5): 1268-1278.
- Nowak, R.M. 1995. Another look at wolf taxonomy. Pages 375-397 in Carbyn L.N., S.H. Fritts, and D.R. Seip (eds.). *Ecology and Conservation of Wolves in a Changing World*. Canadian Circumpolar Institute, University of Alberta, Canada. 620 pp.
- Nowak, R.M. 2002. The Original Status of Wolves in Eastern North America. *Southeastern Naturalist*, 1(2):95-130.
- Nowak, R.M. 2003. Wolf Evolution and Taxonomy in Mech, L.D., and L. Boitani, editors. *Wolves: behavior, ecology, and conservation*. The University of Chicago Press, Chicago, Illinois, USA. 466 pp.
- Nowak, R.M. 2009. Taxonomy, Morphology and Genetics of Wolves in the Great Lakes Region in A.P. Wydeven et al. (eds.), *Recovery of Gray Wolves in the Great Lakes Region of the United States*. New York: Springer. Pp. 233-250.
- NPS (National Park Service). 2020a. Elk. Yellowstone National Park, Wyoming. Online, accessed May 15, 2020. <https://www.nps.gov/yell/learn/nature/elk.htm>
- NPS (National Park Service). 2020b. A history of bison management. Yellowstone National Park, Wyoming. Online, accessed May 15, 2020. <https://www.nps.gov/yell/learn/management/bison-history.htm>
- Oakleaf, J.K., D.L. Murray, J.R. Oakleaf, E.E. Bangs, C.M. Mack, D.W. Smith, J.A. Fontaine, M.D. Jimenez, T.J. Meier, and C.C. Niemeyer. 2006. Habitat selection by recolonizing wolves in the northwestern United States. *J. Wildlife Management* 70:554–563.
- Odell, E.A., J.R. Heffelfinger, S.S. Rosenstock, et al. 2018. Perils of recovering the Mexican wolf outside of its historical range. *Biological Conservation* 220: 290-298.
- Olson, E.R., J.L. Stenglein, V. Shelley, A.R. Rissman, C. Browne-Nunez, Z. Voyles, A.P. Wydeven, and T. Van Deelen. 2014. Pendulum swings in wolf management led to conflict, illegal kills, and a legislated wolf hunt. *Conservation Letters* 8:351-360.

- Olson, E.R., T.R. Van Deelen, A.P. Wydeven, S.J. Ventura, and D.M. MacFarland. 2015. Characterizing wolf-human conflicts in Wisconsin, USA. *Wildlife Society Bulletin* 39:676-688.
- Olson, E.R., S.M. Crimmins, D.E. Beyer, Jr., D.R. MacNulty, B.R. Patterson, B.A. Rudolph, A.P. Wydeven, and T.R. Van Deelen. 2017. Flawed analysis and unconvincing interpretation: a comment on Chapron and Treves 2016. *Proceedings of the Royal Society B* 284: 20170273. <http://dx.doi.org/10.1098/rspb.2017.0273>.
- O'Neil, S.T. 2017. The spatial ecology of gray wolves in the Upper Peninsula of Michigan, 1994-2013. Dissertation. Michigan Technological University, Houghton, Michigan.
- O'Neil, S.T., J.K. Bump, and D.E. Beyer, Jr. 2017. Spatially varying density dependence drives a shifting mosaic of survival in a recovering apex predator (*Canis lupus*). *Ecology and Evolution* 7: 9518-9530.
- ODFW. 2014. Oregon Wolf Conservation and Management 2013 Annual Report. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. 17pp.
- Oregon Department of Fish and Wildlife. 2015a. An updated assessment of population viability of wolves in Oregon using data collected through July 2015. Oregon Department of Fish and Wildlife, Salem, OR
- ODFW. 2015b. Updated mapping potential gray wolf range in Oregon. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. 12pp.
- Oregon Department of Fish and Wildlife. 2016. Oregon Wolf Conservation and Management 2015 Annual Report. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. 16 pp.
- Oregon Department of Fish and Wildlife. 2017. Oregon Wolf Conservation and Management 2016 Annual Report. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. 15 pp.
- Oregon Department of Fish and Wildlife. 2019. Oregon Wolf Conservation and Management Plan. Oregon Department of Fish and Wildlife, Salem, OR.
- Oregon Department of Fish and Wildlife. 2020. Oregon Wolf Conservation and Management 2019 Annual Report. Oregon Department of Fish and Wildlife, Salem, OR.
- Pacifici, M., W.B. Foden, P. Visconti, J.E.M. Watson, et al. 2015. Assessing species vulnerability to climate change. *Nature Climate Change* 5:215-225.

- Packard, J.M., and L.D. Mech. 1980. Population regulation in wolves. Pages 135-150 in M.N. Cohen, R.S. Malpass, and H.G. Klein, editors. Biosocial mechanisms of population regulation. Yale University Press, New Haven, Connecticut, USA.
- Paquet, P.C. and L.N. Carbyn. 2003. Gray wolf. Pages 482–510 in G.A. Feldhamer, B.C. Thompson, and J.A. Chapman, editors. Wild mammals of North America: biology, management, and conservation. Johns Hopkins University Press, Baltimore, Maryland, USA.
- Paul, W.J. 2004. Wolf depredation on livestock in Minnesota, annual update of statistics - 2003. U.S. Dep. of Agri., Animal & Plant Health Inspection Serv., Wildl. Serv. Grand Rapids, Minnesota. 13 pp.
- Paul, W.J. 2006. Summary of basic data from USDA Wolf-Livestock Depredation Control Program in Minnesota, 2000-03 and 2004-05. U.S. Dep. of Agri., Animal & Plant Health Inspection Serv., Wildl. Serv. Grand Rapids, Minnesota. 4 pp.
- Pepin, K.M., S.L. Kay, and A.J. Davis. 2017. Comment on: ‘Blood does not buy goodwill: allowing culling increases poaching of a large carnivore.’ Proceedings of the Royal Society B 284: 20161459. <http://dx.doi.org/10.1098/rspb.2016.1459>.
- Peterson, R.O., J. D. Woolington, and T.N. Bailey. 1984. Wolves of the Kenai Peninsula, Alaska. Wildlife Monographs 88. 52 pp.
- Peterson, R.O., Thomas, N.J., Thurber, J.M., Vucetich, J.A., Waite, T.A., 1998. Population limitation and the wolves of Isle Royale. Journal of Mammalogy 79, 828–841.
- Peterson, R.O., J.A., Vucetich, and S.R. Hoy. 2018. Ecological Study of Wolves in Isle Royale. Michigan Technological University. Houghton, Michigan. 16 pp.
- Potvin, M.J. 2003. A habitat analysis for wolves in Michigan. M.S. thesis, Michigan Technological University, Houghton, Michigan. 83 pp.
- Potvin, M.J., T.D. Drummer, J.A. Vucetich, D.E. Beyer, R.O. Peterson, and J.H. Hammill. 2005. Monitoring and habitat analysis for wolves in Upper Michigan. Journal of Wildlife Management 69:1660-1669.
- Poudyal, N., N. Baral, and S.T. Asah. 2016. Wolf lethal control and livestock depredations: counter-evidence from respecified models. PLoS ONE 11:e0148743. doi:10.1371/journal.pone.0148743
- Proffitt, K.M., M. Hebblewhite, W. Peters, N. Hupp, and J. Shamhart. 2016. Linking landscape-scale differences in forage to ungulate nutritional ecology. Ecological Applications 26:2156-2174.

- Räikkönen, J., J.A. Vucetich, L.M. Vucetich, R.O. Peterson, M.P. Nelson. 2013. What the inbred Scandinavian wolf population tells us about the nature of conservation. *PLoS One* 8(6):e67218.
- Red Cliff Band of Lake Superior Chippewa. 2015. Wolf Protection Plan, *Ma'iingan Gananaagitaawiminonaanig*. Treaty Natural Resources, Forestry and Wildlife. 23 pp.
- Red Lake Band of Chippewa Indians. 2010. Wolf (Ma'iingan) management plan. Red Lake Department of Natural Resources, Red Lake, MN. 20 pp.
- Rich, L.N., Russell, R.E., Glenn, E.M., Mitchell, M.S., Gude, J.A., Podruzny, K.M., Sime, C.A., Laudon, K., Ausband, D.E., and Nichols, J.D. 2013. Estimating occupancy and predicting numbers of gray wolf packs in Montana using hunter surveys. *Journal of Wildlife Management* 77(6):1280-1289.
- Rick, Jessica A, Ron A Moen, John D Erb, and Jared L Strasburg. 2017. Population structure and gene flow in a newly harvested gray wolf (*Canis lupus*) population. *Conservation Genetics* 18, 5: 1091-104.
- Ripple, W.J., Estes, J.A., Beschta, R.L., et al. 2014. Status and ecological effects of the world's largest carnivores. *Science* 343(6167): 1241484.
- Ripple, W.J., C. Wolf, T.M. Newsome, M.H., Hoffmann, A.J. Wirsing, and D.J. McCauley. 2017. Extinction risk is most acute for the world's largest and smallest vertebrates. *Proceedings of the National Academy of Science* 114(40): 10678-10683.
- Rivrud, I.M., E.L. Meisingset, L.E. Loe, and A. Mysterud. 2019. Future suitability of habitat in a migratory ungulate under climate change. *Proceedings B of the Royal Society* 286:1-10.
- Robinson, J.A., J. Räikkönen, L.M. Vucetich, et al. 2019. Genomic signatures of extensive inbreeding in Isle Royale wolves, a population on the threshold of extinction. *Science Advances* 5(5): eaau0757.
- Roell, B.J., D. E. Beyer, Jr., T. C. Hogrefe, D. H. Lonsway, K. L. Sitar, and P.E. Lederle. 2009. Michigan Wolf Management 2008 Report. Michigan Department of Natural Resources, Lansing, Michigan. 21pp.
- Roell, B.J., D.E. Beyer, P.E. Lederle, D. H. Lonsway, and K.L. Sitar. 2010. Michigan Wolf Management 2009 Report. Michigan Department of Natural Resources and Environment, Wildlife Division Report No. 3511. 20 pp.
- Ruid, D.B., W.J. Paul, B.J. Roell, A.P. Wydeven, R.C. Willing, R.L. Jurewicz, and D.H. Lonsway. 2009. Wolf-human conflict and management in Minnesota, Wisconsin, and Michigan. pp. 279-295 in A.P. Wydeven, T. R. Van Deelen, and E.J. Heske. Recovery of

Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story. Springer, New York, NY, USA.

- Santiago-Avila, F.J., A.M. Cornman, and A. Treves. 2018. Killing wolves to prevent predation on livestock may protect one farm but harm neighbors. PLoS ONE 13: e0189729. <https://doi.org/10.1371/journal.pone.0189729>
- Sartorius, S. 2012. U.S. Fish and Wildlife Service, Helena, Montana. Subject: Review of Montana Fish, Wildlife and Parks 2012-2013 wolf hunting regulations. Dated November 19, 2012. Memorandum to file.
- Schmidt, J.H., J.W. Burch, and M.C. CacCluskie. 2017. Effects of control on the dynamics of an adjacent protected wolf population in interior Alaska. *Wildlife Monographs* 198:1-30.
- Schroeder, S.A., D.C. Fulton, L. Cornicelli, and J.T. Bruskotter. 2018. How Minnesota wolf hunter and trapper attitudes and risk- and benefit-based beliefs predict wolf management preferences. *Human Dimensions of Wildlife*. 23:552-568.
- Schanning, K. 2009. Human dimensions: Public opinion research concerning wolves in the Great Lakes States of Michigan, Minnesota, and Wisconsin In *Recovery of Gray Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*, eds. A.P. Wydeven, T.R. Van Deelen, E.J. Heske, pp. 251-265. Springer: New York.
- Schanning, K, and J. Vazquez. 2005. State of the wolf project: findings from the 2003 Wisconsin survey. *International Wolf* 15:8-9.
- Schwartz, R.H., R. Stephenson, and N. Wilson. 1983. *Trichodectes canis* on the gray wolf and coyote on Kenai Peninsula, Alaska. *J. Wildl. Dis.* 19:372-73.
- Shaffer, M.L. and B.A. Stein. 2000. Safeguarding our precious heritage. pp. 301-321 In *Precious heritage: The status of biodiversity in the United States*. (eds.) B.A. Stein, L.S. Kutner, and J.S. Adams. Oxford University Press, Oxford, New York.
- Shelley, V., A. Treves, and L. Naughton. 2011. Attitudes to wolves and wolf policy among Ojibwe Tribal members and non-tribal residents of Wisconsin's wolf range. *Human Dimensions of Wildlife* 16:397-413.
- Sime, C.A., V. Asher, L. Bradley, K. Laudon, N. Lance, M. Ross, and J. Steuber. 2010. Montana gray wolf conservation and management 2009 annual report. Montana Fish, Wildlife and Parks. Helena, Montana.
- Smith, D.W., E.E. Bangs, J.K. Oakleaf, C. Mack, J. Fontaine, D. Boyd, M. Jimenez, D.H. Pletscher, C.C. Niemeyer, T.J. Meier, D.R. Stahler, J. Holyan, V.J. Asher, and D.L. Murray. 2010. Survival of colonizing wolves in the northern Rocky Mountains of the United States, 1982-2004. *Journal of Wildlife Management* 74:620-634.

- Smith, D.W. and E Almqvist. 2007. Wolf diseases in Yellowstone National Park. *Yellowstone Science* 15:17–19.
- Smith, J.B., C.K. Nielsen, and E.C. Hellgren. 2016. Suitable habitat for colonizing large carnivores in the Midwestern USA. *Oryx* 50:555-564.
- Smith D.R., N. Allan, C. McGowan, J. Szymanski, S. Oetker, and H. Bell. 2018. Development of a species status assessment process for decisions under the U.S. Endangered Species Act. *Journal of Fish and Wildlife Management* 9(1):302–320.
- Soule, M.E., J.A. Estes, J. Berger, and C.M. Del Rio. 2003. Ecological Effectiveness: Conservation Goals for Interactive Species. *Conservation Biology* 17(5):1238-1250.
- Stahler, D.R., D.R. MacNulty, R.K. Wayne, B. vonHoldt, and D.W. Smith. 2013. The adaptive value of morphological, behavioral and life-history traits in reproductive female wolves. *Journal of Animal Ecology* 82:222-234.
- Stansbury, C.R., D.E. Ausband, P. Zager, C.M. Mack, C.R. Miller, M.W. Pennell, and L.P. Waits. 2014. A long-term population monitoring approach for a wide-ranging carnivore: noninvasive genetic sampling of gray wolf rendezvous sites in Idaho, USA. *The Journal of Wildlife Management* 78:1040-1049.
- Stark, D. and J. Erb. 2013. 2012 Minnesota wolf season report. MN Department of Natural Resources, St. Paul, MN. 14 pp.
- Stein, A. 2017. Blood may buy goodwill: no evidence for a positive relationship between legal culling and poaching in Wisconsin. *Proceedings of the Royal Society B* 284: 20170267. <http://dx.doi.org/10.1098/rspb.2017.0267>.
- Stenglein, J. 2017. White-tailed deer population status 2017. Wisconsin Department of Natural Resources, Madison, Wisconsin. 7 pp.
- Stenglein, J.L., J.H. Gilbert, A.P. Wydeven, and T.R. Van Deelen. 2015a. An individual-based model for southern Lake Superior wolves: A tool to explore the effect of human-caused mortality on a landscape of risk. *Ecological Modeling* 302:13-24.
- Stenglein, J.L., T.R. Van Deelen, A.P. Wydeven, D.J. Mladenoff, J.E. Weidenhoeft, N.K. Businga, J.A. Langenberg, N.J. Thomas, and D.M. Heisey. 2015b. Mortality patterns and detection bias from carcass data: an example from wolf recovery in Wisconsin. *The Journal of Wildlife Management* 79:1173-1184.
- Stenglein, J.L., J. Zhu, M.K. Clayton, and T.R. Van Deelen. 2015c. Are the numbers adding up? Exploiting discrepancies among complementary population models. *Ecology and Evolution* 5:368-376.

- Stenglein, J.L., A.P. Wydeven, and T.R. Van Deelen. 2018. Compensatory mortality in a recovering top carnivore: wolves in Wisconsin, USA (1979-2013). *Oecologia* 187:99-111.
- Stenlund, M.H. 1955. A field study of the timber wolf (*Canis lupus*) on the Superior National Forest, Minnesota. Minnesota Dep. Conserv. Tech. Bull. 4. 55 pp.
- Stone, S.A., S.W. Breck, J. Timberlake, P.M. Haswell, F. Najera, B.S. Bean, and D.J. Thornhill. 2017. Adaptive use of nonlethal strategies for minimizing wolf-sheep conflict in Idaho. *Journal of Mammalogy* 98:33-44.
- Stricker, H.K, T.M. Gehring, D. Donner, and T. Petroelje. 2019. Multi-scale habitat selection model assessing potential gray wolf den habitat and dispersal corridors in Michigan, USA. *Ecological Modelling* 397:84-94.
- Stronen, A.V., T. Sallows, G.J. Forbes, B. Wagner, and P.C. Paquet. 2011. Disease and parasites in wolves of the Riding Mountain National Park Region, Manitoba, Canada. *Journal of Wildlife Diseases* 47(1): 222-227.
- Switalski, T.A., T. Simmons, S.L. Duncan, A.S. Chavez, and R.H. Schmidt. 2002. Wolves in Utah: an analysis of potential impacts and recommendations for management. *Natural Resources and Environmental Issue* 10:1-54.
- Talbott S. and S. Guertin. 2012. Memorandum of understanding: protection of genetic diversity of NRM gray wolves. Dated August 2012. 4 pp.
- Tanner, E, A. White, P. Acevedo, A. Balseiro, J. Marcos, and C. Gortazar. 2019. Wolves contribute to disease control in a multi-host system. *Scientific Reports* 9:7940.
- Thiel, R.P. 1985. Relationship between road densities and wolf habitat suitability in Wisconsin. *American Midland Naturalist*, Vol. 113(2): 404-407.
- Treves, A. , L. Naughton-Treves, E.K. Harper, D.J. Mladenoff, R.A Rose, T.A. Sickley, and A.P. Wydeven 2004. Predicting human-carnivore conflict: a spatial model based on 25 years of wolf depredation on livestock. *Conservation Biology* 18: 114-125.
- Treves, A, and L. Naughton-Treves. 2005. Evaluating lethal control in the management of human-wildlife conflict. Pages 86-106 in R. Woodroffe, S. Thirgood, and A. Rabinowitz, editors. *People and Wildlife: Conflict or Coexistence?* Cambridge University Press, London.
- Treves, A., K.A. Martin, J.E. Wiedenhoef, and A.P. Wydeven. 2009. Dispersal of gray wolves in the Great Lakes region. Pp. 191-204 in A.P. Wydeven, T. R. Van Deelen, and E.J. Heske, eds. *Recovery of Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*. Springer, New York, NY, USA. 350 pp.

- Treves, A., K.A. Martin, A.P. Wydeven, and J.E. Wiedenhoef. 2011. Forecasting environmental hazards and the application of risk maps to predator attacks on livestock. *BioScience* 61:451-458.
- Treves, A. and K.A. Martin. 2011. Hunters as stewards of wolves in Wisconsin and the northern Rocky Mountains, USA. *Society and Natural Resources* 24:984-994.
- Treves, A., L. Naughton-Treves, and V. Shelley. 2013. Longitudinal analysis of attitudes towards wolves. *Conservation Biology* 27:315-323.
- Treves, A. and J. Bruskotter. 2014. Tolerance for predatory wildlife. *Science* 344:476-477.
- Treves, A., M. Krofel, and J. McManus. 2016. Predator control should not be a shot in the dark. *Frontiers in Ecology and the Environment* 14:380-388.
- Treves, A., and M.F., Rabenhorst. 2017. Risk map for wolf threats to livestock still predictive 5 years after construction. *PLOS/ONE* 12 (6): e0180043.
- Treves, A., J.A. Langenberg, J.V. Lopez-Bao, and M.F. Rabenhorst. 2017a. Gray wolf mortality patterns in Wisconsin from 1979 to 2012. *Journal of Mammalogy* 98:17-32.
- Treves, A. K.A. Artelle, C.T. Darimont, and D.R. Parsons. 2017b. Mismeasured mortality: correcting estimates of wolf poaching in the United States. *Journal of Mammalogy* DOI:10.1093/jmammal/gyx052.
- U.S. Department of Agriculture - Wildlife Services. 2009. Wolf damage management in Minnesota - 2009, Grand Rapids, MN. 9 p.
- U.S. Department of Agriculture - Wildlife Services. 2010. Wolf damage management in Minnesota - 2010, Grand Rapids, MN. 9 p.
- U.S. Department of Agriculture - Wildlife Services. 2011. Wolf damage management in Minnesota - 2011, Grand Rapids, MN. 9 p.
- U.S. Department of Agriculture - Wildlife Services. 2017. Wolf damage management in Minnesota - 2017, Grand Rapids, MN. 8 p.
- U.S. Department of Agriculture - Wildlife Services. 2018. Wolf damage management in Minnesota - 2018, Grand Rapids, MN. 10 p.
- U.S. Department of Agriculture, National Forest Service. 2004a. Superior National Forest Land and Resource Management Plan. Available at: [http://www.fs.fed.us/r9/forests/superior/projects/forest\\_plan/2004\\_forest\\_plan.php](http://www.fs.fed.us/r9/forests/superior/projects/forest_plan/2004_forest_plan.php)

- U.S. Department of Agriculture, National Forest Service. 2004b. Chippewa National Forest Revised Forest Plan. Available at:  
[http://www.fs.fed.us/r9/forests/chippewa/projects/forest\\_plan/index.php](http://www.fs.fed.us/r9/forests/chippewa/projects/forest_plan/index.php)
- U.S. Department of Agriculture, National Forest Service. 2004c. Chequamegon-Nicolet National Forest Plan (2004 Land and Resource Management Plan). Available at:  
[http://www.fs.fed.us/r9/cnnf/natres/final\\_forest\\_plan/lmp2004/index.html](http://www.fs.fed.us/r9/cnnf/natres/final_forest_plan/lmp2004/index.html)
- U.S. Department of Agriculture, National Forest Service. 2006a. Hiawatha National Forest Plan. Available at: [http://www.fs.fed.us/r9/hiawatha/revision/rev\\_welcome.html](http://www.fs.fed.us/r9/hiawatha/revision/rev_welcome.html)
- U.S. Department of Agriculture, National Forest Service. 2006b. Ottawa National Forest Management Plan. Available at:  
[http://www.fs.fed.us/r9/ottawa/forest\\_management/forest\\_plan/revision/fp\\_final/final\\_for est\\_plan\\_internet.htm](http://www.fs.fed.us/r9/ottawa/forest_management/forest_plan/revision/fp_final/final_for est_plan_internet.htm)
- U.S. Fish and Wildlife Service. 1980. Northern Rocky Mountain Wolf Recovery Plan. USFWS, Denver, Colorado.
- U.S. Fish and Wildlife Service. 1987. Northern Rocky Mountain Wolf Recovery Plan. USFWS, Denver, CO.
- U.S. Fish and Wildlife Service. 1992. Recovery plan for the eastern timber wolf. Twin Cities, MN 73 pp.
- U.S. Fish and Wildlife Service. 1994. The reintroduction of gray wolves to Yellowstone National Park and central Idaho. Final Environmental Impact Statement. Denver, Colorado. 608 pp.
- U.S. Fish and Wildlife Service. 2007. Endangered and Threatened Wildlife and Plants; Designating the Northern Rocky Mountain Population of Gray Wolf as a Distinct Population Segment and Removing this Distinct Population Segment From the Federal List of Endangered and Threatened Wildlife. Federal Register Vol. 72 No. 16 pp. 6106-6139.
- U.S. Fish and Wildlife Service. 2008. Post-delisting monitoring plan for the Western Great Lakes Distinct Population Segment of the Gray Wolf. U.S. Fish and Wildlife Service, Twin Cities Field Office and Midwest Region. Bloomington, MN and Ft. Snelling, MN. 13pp.
- U.S. Fish and Wildlife Service. 2018. Red Wolf Species Status Assessment Report. 97 pp.
- U.S. Fish and Wildlife Service. 2020. Gray Wolf Biological Report: Information on the Species in the Lower 48 United States. 52 pp.

- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2000. Rocky Mountain Wolf Recovery 1999 Annual Report. USFWS, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2001. Rocky Mountain Wolf Recovery 2000 Annual Report. USFWS, Helena Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2002. Rocky Mountain Wolf Recovery 2001 Annual Report. T. Meier, editor. USFWS, Ecological Services, Helena Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2003. Rocky Mountain Wolf Recovery 2002 Annual Report. T. Meier, editor. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2004. Rocky Mountain Wolf Recovery 2003 Annual Report. T. Meier, editor. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2005. Rocky Mountain Wolf Recovery 2004 Annual Report. D. Boyd, editor. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2006. Rocky Mountain Wolf Recovery 2005 Annual Report. C. Sime and E. Bangs, editors. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Idaho Fish and Game, and USDA Wildlife Services. 2007. Rocky Mountain Wolf Recovery 2006 Annual Report. C.A. Sime and E.E. Bangs, editors. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Idaho Fish and Game, and USDA Wildlife Services. 2008. Rocky Mountain Wolf Recovery 2007 Annual Report. C.A. Sime and E.E. Bangs, editors. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Idaho Fish and Game, and USDA Wildlife Services. 2009. Rocky Mountain Wolf Recovery 2008 Annual Report. C.A. Sime and E.E. Bangs, editors. USFWS, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service, Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Idaho Fish and Game, and USDA Wildlife Services. 2010. Rocky Mountain

Wolf Recovery 2009 Annual Report. C.A. Sime and E.E. Bangs, editors. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Montana Fish, Wildlife & Parks, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2011. Rocky Mountain Wolf Recovery 2010 Interagency Annual Report. C.A. Sime and E. E. Bangs, eds. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2012. Northern Rocky Mountain Wolf Recovery Program 2011 Interagency Annual Report. M.D. Jimenez and S.A. Becker, eds. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Confederated Colville Tribes, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2013. Northern Rocky Mountain Wolf Recovery Program 2012 Interagency Annual Report. M.D. Jimenez and S.A. Becker, eds. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Confederated Colville Tribes, Spokane Tribe of Indians, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2014. Northern Rocky Mountain Wolf Recovery Program 2013 Interagency Annual Report. M.D. Jimenez and S.A. Becker, eds. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Confederated Colville Tribes, Spokane Tribe of Indians, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2015. Northern Rocky Mountain Wolf Recovery Program 2014 Interagency Annual Report. M.D. Jimenez and S.A. Becker, eds. USFWS, Ecological Services, Helena, Montana.

U.S. Fish and Wildlife Service, Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service,

- Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Confederated Colville Tribes, Spokane Tribe of Indians, Washington Department of Fish and Wildlife, Oregon Department of Fish and Wildlife, Utah Department of Natural Resources, and USDA Wildlife Services. 2016. Northern Rocky Mountain Wolf Recovery Program 2015 Interagency Annual Report. M.D. Jimenez and S.A. Becker, eds. USFWS, Ecological Services, Helena, Montana.
- Utah Division of Wildlife Resources. 2017. Utah moose statewide management plan. Utah Division of Wildlife Resources, Salt Lake City, Utah.
- Utah Division of Wildlife Resources. 2019. Utah mule deer statewide management plan. Utah Division of Wildlife Resources, Salt Lake City, Utah.
- Utah Division of Wildlife Resources and Utah Wolf Working Group. 2005. Utah wolf management plan. Utah Division of Wildlife Resources Publication Number: 05-17. pp. 74. [https://wildlife.utah.gov/wolf/wolf\\_management\\_plan.pdf](https://wildlife.utah.gov/wolf/wolf_management_plan.pdf)
- van Eeden, L.M., M.S. Crowther, C.R. Dickman, D.W. Macdonald, W.J. Ripple, E.G. Ritchie, and T.M. Newsome. 2017. Managing conflict between large carnivores and livestock. *Conservation Biology* 32:26-34.
- van Eeden, L.M., A. Eklund, J.R.B. Miller, J.V. Lopez-Bao, G. Chapron, M.R. Cejtin, M.S. Crowther, C.R. Dickman, J. Franks, M. Krofel, D.W. Macdonald, J. McManus, T.K. Meyer, A.D. Middleton, T.M. Newsome, W.J. Ripple, E.G. Ritchie, O.J. Schmitz, K.J. Stoner, M. Tourani, and A. Treves. 2018. Carnivore conservation needs evidence-based livestock protection. *PLOS Biology* 16(9): e2005577. <https://doi.org/10.1371/journal.pbio.2005577>.
- Vilà, C., A.-K. Sundqvist, O. Flagstad, et al. 2003. Rescue of a severely bottlenecked wolf (*Canis lupus*) population by a single immigrant. *Proceedings of the Royal Society B* 270:91-97.
- vonHoldt, B.M., D.T. Stahler, D.W. Smith, et al. 2008. The geneology and genetic variability of reintroduced Yellowstone grey wolves. *Molecular Ecology* 17:252-274.
- vonHoldt, B.M., D.R. Stahler, E.E. Bangs, et al. 2010. A novel assessment of population structure and gene flow in grey wolf populations of the Northern Rocky Mountains of the United States. *Molecular Ecology* 19: 4412-4427.
- Waples, R.S., R. Kays, R.J. Fredrickson, k. Pacifici, and L.S. Mills. 2018. Is the red wolf a listable unit under the US Endangered Species Act? *Journal of Heredity* <https://doi.org/10.1093/jhered/esy020>
- Washington Department of Fish and Wildlife. 2016. Wildlife Program 2015-2017 Ungulate Assessment. Washington Department of Fish and Wildlife, Olympia, Washington.

- Washington Department of Fish and Wildlife. 2017. Wolf-livestock interaction protocol: revision date June 1, 2017. Washington Department of Fish and Wildlife, Olympia, Washington.
- Washington Department of Fish and Wildlife. 2020. Wolf advisory group. <https://wdfw.wa.gov/about/advisory/wag>. Accessed August 10, 2020.
- Washington Department of Fish and Wildlife, Confederated Tribes of the Colville Reservation, Spokane Tribe of Indians, USDA-APHIS Wildlife Services, and U.S. Fish and Wildlife Service. 2020. Washington Gray Wolf Conservation and Management 2019 Annual Report. Washington Department of Fish and Wildlife, Ellensburg, Washington.
- Wayne, R.K., N. Lehman, D. Girman, P.J.P. Gogan, D.A. Gilbert, K. Hansen, R.O. Peterson, U.S. Seal, A. Eisenhaver, L.D. Mech, and R.J. Krumenaker. 1991. Conservation genetics of the endangered Isle Royale gray wolf. *Conservation Biology* 5: 41-51.
- Wayne, R., and P. Hedrick. 2011. Genetics and wolf conservation in the American West: lessons and challenges. *Heredity* 107:16-19.
- Weaver, J. 1978. The wolves of Yellowstone. Natural Resources Report No. 14. U.S. National Park Service, Washington, DC. 38 pp.
- Webb, N.F., J.R. Allen, and E.H. Merrill. 2011. Demography of a harvested population of wolves (*Canis lupus*) in west-central Alberta, Canada. *Canadian Journal of Zoology* 89:744-752.
- Weise, T.F., W.L. Robinson, R.A. Hook, and L.D. Mech. 1975. An experimental translocation of the eastern timber wolf. *Audubon Conservation Report No. 5*. 28 pp.
- Weiskopf, S.R., O.E. Ledee, and L.M. Thompson. 2019. Climate change effects on deer and moose in the midwest. *The Journal of Wildlife Management* 83:769-781.
- Wheeldon, T. and B.N. White. 2009. Genetic analysis of historic western Great Lakes region wolf samples reveals early *Canis lupus/lycaon* hybridization. *Biology Letters* 5(1):101-104.
- Wheeldon, T.J., B.R. Patterson, and B.N. White. 2010. Sympatric wolf and coyote populations of the western Great Lakes region are reproductively isolated. *Molecular Ecology* 19:4428-4440.
- White, G. 2000. Population viability analysis: data requirements and essential analyses. Pages 288-331 in L. Boitani and T.K. Fuller, editors. *Research techniques in animal ecology: controversies and consequences*. Columbia University Press, New York.
- Wiedenhoef, J.E., Walter, S.E., Libal, N.S., and Pilch-Ericksen, M. 2018. Wisconsin gray wolf monitoring report, 15 April 2017 through 14 April 2018. Wisconsin Department of Natural Resources. 17pp.

- Wielgus, R.B., and K.A. Peebles. 2014. Effects of wolf mortality on livestock depredations. PLoS ONE 9:e113505. doi:10.1371/journal.pone.0113505.
- Wild, M.A., N.T. Hobbs, M.S. Graham, and M.W. Miller. 2011. The role of predation in disease control: a comparison of selective and nonselective removal on prion disease dynamics in deer. *Journal of Wildlife Diseases* 47:78-93.
- Wiles, G. J., H. L. Allen, and G. E. Hayes. 2011. Wolf conservation and management plan for Washington. Washington Department of Fish and Wildlife, Olympia, Washington. 297 pp.
- Williams, C.K., G. Ericsson, and T.A., Heberlein. 2002. A quantitative summary of attitudes toward wolves and their reintroduction (1972-2000). *Wildlife Society Bulletin*: 30(2):575-584.
- Wilmers, C.C. and W.M. Getz. 2005. Gray wolves as climate change buffers in Yellowstone. *PLoS Biology* 3(4): 0571-0576.
- Wilson, M.A. 1999. Appendix H. Public Attitudes toward wolves in Wisconsin. Wisconsin Wolf Management Plan. Madison: Wisconsin Department of Natural Resources.
- Wilson, R.S. and J.T. Bruskotter. 2009. Assessing the impact of decision frame and existing attitudes on support for wolf restoration in the United States. *Human Dimensions of Wildlife*, 14:5, 353-365.
- Wilson, S.M., E.H. Bradley, and G.A. Neudecker. 2017. Learning to live with wolves: community-based conservation in the Blackfoot Valley of Montana. *Human-Wildlife Interactions* 11:245-257.
- Wisconsin Department of Natural Resources. 1999. Wisconsin wolf management plan - October 27, 1999. Madison, WI 74 pp.
- Wisconsin Department of Natural Resources. 2006a. Wisconsin Wolf Management Plan – Addendum 2006. 60 pp.
- Wisconsin Department of Natural Resources. 2006b. Administrative Rule Chapter NR 10. Game and Hunting. Available at: <http://www.legis.state.wi.us/rsb/code/nr/nr010.pdf>
- Wisconsin Department of Natural Resources. 2006c. Administrative Rule Chapter NR 12. Wildlife Damage and Nuisance Control. Available at: <http://www.legis.state.wi.us/rsb/code/nr/nr012.pdf>
- Wisconsin Department of Natural Resources. 2008. Guidelines for conducting depredation control on wolves in Wisconsin following federal delisting. May 15, 2008. Madison, WI. 10 pp.

- WDNR (Wisconsin Department of Natural Resources) 2010. Wisconsin's Chronic Wasting Disease Response Plan: 2010-2025. Madison, WI.
- Wisconsin Department of Natural Resources. 2013. Wisconsin wolf season report 2012. 4 pp.
- Wisconsin Department of Natural Resources. 2014a. Wisconsin 2014 Wolf Hunting and Trapping Regulations. Wisconsin Department of Natural Resources, PUB-WM-538-2014, Madison, Wisconsin. 8 pp.
- Wisconsin Department of Natural Resources. 2014b. Wisconsin wolf season report 2013-2014. 6 pp.
- Wisconsin Department of Natural Resources. 2014c. Guidelines for conducting depredation control on wolves in Wisconsin following federal delisting. Wisconsin Department of Natural Resources, Madison, Wisconsin. 11 pp.
- Wisconsin Department of Natural Resources. 2018. 2017-2018 wolf count brief. Wisconsin Department of Natural Resources, Madison, WI. 2 pp.
- Wisconsin Department of Natural Resources. 2020. Wolf advisory committee. <https://dnr.wisconsin.gov/topic/WildlifeHabitat/wolf/index.html>. Accessed August 10, 2020.
- Wiedenhoef, J.E., D.M. MacFarland, and N.S. Libal. 2014. Wisconsin gray wolf monitoring report 15 April 2013 through 14 April 2014. Wisconsin Department of Natural Resources, Madison, WI. 16 pp.
- Wiedenhoef, J.E., D.M. MacFarland, N.S. Libal, and J. Bruner. 2015. Wisconsin gray wolf monitoring report 15 April 2014 through 14 April 2015. Wisconsin Department of Natural Resources, Madison, WI. 17 pp.
- Wiedenhoef, J.E., S. Walter, N.S. Libal, and M. Ericksen-Pilch. 2018. Wisconsin gray wolf monitoring report 15 April 2017 through 14 April 2018. Wisconsin Department of Natural Resources, Madison, WI. 17 pp.
- Woodroffe R, S. Thirgood, and A. Rabinowit. 2005. The impact of human-wildlife conflict on natural systems. In: Woodroffe R., S. Thirgood, and A. Rabinowitz, editors. People and wildlife. Conflict or coexistence? Cambridge University Press. 454 pp.
- Wydeven, A. P., R. N Schultz, and R. P. Thiel. 1995. Monitoring of a gray wolf population in Wisconsin, 1979-1991. Pages 147-156 in Ecology and Conservation of Wolves in a Changing world, eds. L. N. Carbyn, S. H. Fritts, and D. R. Seip. Edmonton: Canadian Circumpolar Institute. 620 pp.

- Wydeven, A.P, D.J. Mladenoff, T.A. Sickley, B.E. Kohn, R.P. Thiel, and J.L. Hansen. 2001. Road density as a factor in habitat selection by wolves and other carnivores in the Great Lakes Region. *Endangered Species UPDATE*. 18:110-114.
- Wydeven, A. P, and P. J. E. Wiedenhoef. 2003. Status of the timber wolf in Wisconsin. Wisconsin Endangered Resources, Performance report #127: 1 July 2002 through 30 June 2003. Wisconsin Department of Natural Resources, Park Falls, USA.
- Wydeven, A. P, and P. J. E. Wiedenhoef. 2004. Status of the timber wolf in Wisconsin. Wisconsin Endangered Resources, Performance report 1 July 2003 through 30 June 2004. Wisconsin Department of Natural Resources, Park Falls, USA.
- Wydeven, A.P and R.L. Jurewicz. 2005. Justification for lethal control authority for recovery activity under section 10(a)(1)(A) of the Endangered Species Act on gray wolves in Wisconsin. Wisconsin Dept. of Natural Resources. 18 pp.
- Wydeven, A.P., J.E. Wiedenhoef, R.N. Schultz, R.P. Thiel, S.R. Boles, E. Heilhecker, and W.H. Hall, Jr. 2005. Progress report of wolf population monitoring for the period October 2004 – March 2005. Unpublished report by WI DNR, Park Falls, WI. 39 pp.
- Wydeven, A.P., J.E. Wiedenhoef, R.N. Schultz, R.P. Thiel, S.R. Boles, and E. Heilhecker. 2006. Progress report of wolf population monitoring for the period October 2005 – March 2006. Unpublished report by WI DNR, Park Falls, WI. 39 pp.
- Wydeven, A.P., J.E. Wiedenhoef, R.P. Thiel, R.N. Schultz, and S.R. Boles. 2007. Progress report of wolf population monitoring in Wisconsin for the period October 2006 - March 2007. Unpublished report by WI DNR, Park Falls, WI. 30pp.
- Wydeven, A.P. and J.E. Wiedenhoef. 2008. Wisconsin gray wolf post-delisting monitoring, Year 1 of post-delisting, period 12 March 2007 through 30 June 2008. Unpublished report by WI DNR, Madison, WI. 40 pp.
- Wydeven, A.P. and J.E. Wiedenhoef. 2009. Gray Wolf Population 2008-2009. WI DNR, Park Falls, Wisconsin. 20 pp.
- Wydeven, A.P., J.E. Wiedenhoef, R.N. Schultz, and R.P. Thiel. 2009a. Progress report of wolf population monitoring in Wisconsin for the period April - September 2008, and annual summaries for 2008. Unpublished report by WI DNR, Park Falls, WI. 35 pp.
- Wydeven, A.P., J.E. Wiedenhoef, R.N. Schultz, R.P. Thiel, R. L. Jurewicz, B.E. Kohn, and T. R. Van Deelen. 2009b. History, population growth, and management of wolves in Wisconsin. Pp. 87-105 in A.P. Wydeven, T. R. Van Deelen, and E.J. Heske, eds. *Recovery of Wolves in the Great Lakes Region of the United States: An Endangered Species Success Story*. Springer, New York, NY, USA. 350 pp.

- Wydeven, A.P., J.E. Wiedenhoef, R.N. Schultz, R.P. Thiel, and S. Boles. 2010. Status of the timber wolf in Wisconsin, performance report 1 July 2009 through 30 June 2010. Unpublished report by WI DNR, Park Falls, WI. 67 pp.
- Wydeven, A.P., J. E. Wiedenhoef, J. Bruner, R.P. Thiel, R. N. Schultz, and S R. Boles. 2011. Wolf Population Monitoring in Wisconsin in 2010, Year end summary. Wisconsin Department of Natural Resources, Park Falls, WI 15 pp. (unpublished report).
- Wyoming Game and Fish Commission. 2011. Wyoming Gray Wolf Management Plan. Cheyenne, Wyoming. 61 pp.
- Wyoming Game and Fish Commission. 2012. Addendum: Wyoming Gray Wolf Management Plan. Cheyenne, Wyoming. 9pp.
- Wyoming Game and Fish Department. 2019a. Big Game Job Completion Report, elk – Cody Region. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department. 2019b. Big Game Job Completion Report, elk – Jackson Region. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department. 2019c. Big Game Job Completion Report, elk – Lander Region. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department. 2019d. Big Game Job Completion Report, elk – Pinedale Region. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department. 2020a. Fiscal year 2019 and 10-year damage summary. Wyoming Game and Fish Department, Cheyenne, Wyoming. 53 pp.
- Wyoming Game and Fish Department. 2020b. Wyoming Chronic Wasting Disease Management Plan. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapaho Tribal Fish and Game Department. 2013. 2012 Wyoming Gray Wolf Population Monitoring and Management Annual Report. K.J. Mills and R.F. Trebelcock, eds. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapaho Tribal Fish and Game Department. 2014. 2013 Wyoming Gray Wolf Population Monitoring and Management Annual Report. K.J. Mills and R.F. Trebelcock, eds. Wyoming Game and Fish Department, Cheyenne, Wyoming.
- Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapaho Tribal

Fish and Game Department. 2018. Wyoming Gray Wolf Monitoring and Management 2017 Annual Report. K.J. Mills and Z. Gregory, eds. Wyoming Game and Fish Department, Cheyenne, Wyoming.

Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapaho Tribal Fish and Game Department. 2019. Wyoming Gray Wolf Monitoring and Management 2018 Annual Report. K.J. Mills and Z. Gregory, eds. Wyoming Game and Fish Department, Cheyenne, Wyoming.

Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapaho Tribal Fish and Game Department. 2020. Wyoming Gray Wolf Monitoring and Management 2019 Annual Report. K.J. Mills and Z. Gregory, eds. Wyoming Game and Fish Department, Cheyenne, Wyoming.

Young, S. P. and E. A. Goldman. 1944. The wolves of North America. American Wildlife Institute, Washington, D.C.

**Unpublished References Cited, Noted as "in litt." and "pers. comm." in  
Final Rule to Remove the Gray Wolf (*Canis lupus*) from the List of Endangered and  
Threatened Wildlife**

- Beyer, Dean. 2006. E-mail from Beyer, MI DNR Wildlife Research, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 08/10/06. Subject: Potential for "MN-style" wolf monitoring in WI and MI? 2 pp. with 6-page attachment by Drummer.
- Beyer, Dean. 2018. Email correspondence between Beyer, Michigan Department of Natural Resources, and Laura Ragan, USFWS. Dated 08/02/2018. Subject: A few more questions. 5 pp. + attachments.
- Beyer, Dean. 2019. Telephone conversation between Beyer, MI DNR, and Laura Ragan, USFWS Bloomington, MN, Regional Office, on 04/10/19. Subject: Wolves in Michigan.
- Bureau of Land Management. 2019. Memo from Oregon/Washington Acting State Director. Subject: State Director's Special Status Species List developed as an interagency effort with USFS Region 6. 4 pp.
- Dirks, Brian. 2009. Telephone conversation between Dirks, MN DNR, Camp Ripley, and Phil Delphey, USFWS Twin Cities, MN, ES Field Office, on 07/14/09. Subject: Numbers and management of wolves at Camp Ripley, MN.
- Edwards, Andrew J. 2003. Letter from Edwards, Biological Services Director, 1854 Authority Biological Services, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 08/07/03. Regarding 1854 Authority position on EPS wolf delisting. 3 pp.
- Erb, John. 2005. E-mail from Erb, MN DNR Wildlife Research to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 12/14/05. Subject: Wolves in Zones A and B? 1 p.
- Gustin, Karen. 2003. Letter from Gustin, Pictured Rocks National Lakeshore Superintendent, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 08/11/03. Regarding future management of wolves at Pictured Rocks National Lakeshore. 2 pp.
- Hassett, Scott. 2003. Letter from Hassett, Secretary, Wisconsin Department of Natural Resources, to Charles M. Wooley, Asst. Regional Director, FWS, Regional Office, Ft. Snelling, MN, dated 12/22/03. Regarding Wisconsin Department of Natural Resources responses to USFWS Questionnaire. 1 page with 10-page attachment.
- Hnilicka, P. 2020. E-mail from Hnilicka, U.S. Fish and Wildlife Service, Lander, WY. Subject: reference to Wind River Reservation in Wyoming. Dated July 31, 2020. Email sent to Maricela Constantino, U.S. Fish and Wildlife Service. 1 p.

- Holbeck, Chris. 2005. E-mail from Holbeck, Chief of Resources Management, Voyageurs National Park, to Phil Delphey, USFWS Twin Cities, MN, ES Field Office, dated 11/29/05. Subject: Wolf Data Request. 2 pp.
- Hunt, Eli. 1998. Letter from Hunt, Chairman, Leech Lake Tribal Council, to Marvin Moriarty, Acting USFWS Regional Director, dated 09/24/98. Regarding Reservation plans for wolves after federal delisting. 4 pp.
- IDFG, pers. comm. 2020. Phone conversation with Toby Boudreau, IDFG Wildlife Bureau Chief, February 7, 2020.
- Keweenaw Bay Indian Community. 2019. Public comments signed by Gary Loonsfoot (Vice President, Keweenaw Bay Indian Community), regarding the Service's proposal to remove the gray wolf from the List of Endangered and Threatened Species. 4 pp.
- Lederle, Pat. 2006. E-mail from Lederle, MI DNR Wildlife Research Section Supervisor, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 09/05/06. Subject: Support for the sampling protocols. 1 p.
- Maercklein, Robin. 2003. Letter from Maercklein, Resource Management Specialist, St. Croix National Scenic Riverway, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 09/02/03. Regarding future wolf management in St. Croix National Scenic Riverway. 2 pp.
- Myers, Sonny. 2004. Letter from Myers, Executive Director, 1854 Authority, to Gray Wolf Delist Content Analysis Team, dated 11/04/04. 2 pp.
- Nobles, Danny G. 2004. Letter from Nobles, Colonel, Fort McCoy, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, undated. Regarding Fort McCoy's intended wolf management after delisting. 5 pp.
- Paul, William. 2005. Fax from Paul, USDA-APHIS-Wildlife Services, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 11/23/05. Subject: Disease data for your wolves? 5 pp.
- Paul, William. 2006. Letter from Paul, USDA-APHIS-Wildlife Services, to USFWS, dated 06/16/06. Peer Review Comments on USFWS Proposal to Delist WGL DPS of the Gray Wolf. RIN 1018-AU54. 7 pp.
- Peterson, Rolf. 1997. Letter from Peterson, Leader Eastern Timber Wolf Recovery Team, to USFWS Regional Director William Hartwig, dated 06/02/97. Regarding reclassification of Western Great Lakes DPS. 2 pp.

- Peterson, R. 1998. Letter from Peterson, Leader Eastern Timber Wolf Recovery Team, to USFWS Regional Director William Hartwig, dated 01/10/98, regarding review of recovery criteria and 7 questions asked by FWS. 8 pp.
- Peterson, R. 1999a. Letter from Peterson, Leader Eastern Timber Wolf Recovery Team, to USFWS Regional Director William Hartwig, dated 01/11/99, regarding review of state wolf recovery plans and Minnesota Roundtable recommendations. 4 pp.
- Peterson, R. 1999b. Letter from Peterson, Leader Eastern Timber Wolf Recovery Team, to USFWS Regional Director William Hartwig, dated 07/15/99, regarding Minnesota DNR wolf estimate and failure of MN Legislature to act on DNR wolf management plan. 2 pp.
- Peterson, R. 2001. Letter from Peterson, Leader Eastern Timber Wolf Recovery Team, to USFWS Regional Director William Hartwig, dated 05/22/01. Regarding Recovery Team's Review of Minnesota Wolf Management Plan. 2 pp.
- Roell, Brian. 2005. E-mail from Roell, MI DNR Wildlife Biologist, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 11/28/05. Subject: Wolf diseases in MI. 2 pp.
- Roell, Brian. 2006. E-mail from Roell, MI DNR Wildlife Biologist, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 10/13/06 (10:31AM). Subject: MI wolf pop. est. for 2005-06 – published?
- Roussin, T. 2018. Phone conversation between Trent Roussin, WDFW Wolf Biologist, and Scott Becker, USFWS NRM Wolf Coordinator, on July 25, 2018 regarding disease monitoring of wolves in Washington State.
- Schlender, James H. 1998. Letter from Schlender, Executive Administrator, Great Lakes Indian Fish and Wildlife Commission, to Marvin Moriarty, Acting USFWS Regional Director, dated 11/09/98. Regarding GLIFWC position on management of ceded territory wolves after federal delisting. 2 pp.
- Schlender, James H. 2004. Letter from Schlender, Executive Administrator, Great Lakes Indian Fish and Wildlife Commission, to Gray Wolf Delisting Content Analysis Team, dated 11/16/04. GLIFWC comments on wolf delisting proposal. 3 pp.
- Schrage, Mike. 1998a. Letter from Schrage, Fond du Lac Resource Management Division Wildlife Biologist, to Marvin Moriarty, USFWS Regional Office, Ft. Snelling, MN, dated 10/06/98. Conveying input on tribal wolf management and delisting. 2 pp.
- Schrage, Mike. 1998b. Letter from Schrage, Fond du Lac Resource Management Division Wildlife Biologist, to Marvin Moriarty, USFWS Regional Office, Ft. Snelling, MN, dated 11/10/98. Conveying resolution from Business Committee regarding wolf delisting. 3 pp.

- Schrage, Mike. 2003. Letter from Schrage, Fond du Lac Resource Management Division Wildlife Biologist, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 08/07/03. Regarding position of Fond du Lac Tribe on wolf delisting. 4 pp.
- Schrage, Mike. 2009. Telephone conversation between Schrage, Fond du Lac Resource Management Division Wildlife Biologist, and Phil Delphey, USFWS Twin Cities, MN, ES Field Office, on 07/16/09.
- Stark, Dan. 2009. Email from Stark, Minnesota Department of Natural Resources, to Laura Ragan, USFWS Fort Snelling, MN, dated 08/20/09. 1 p.
- Stark, D. 2018. Email correspondence between Stark, Minnesota Department of Natural Resources, to Laura Ragan, USFWS, dated 05/24/2018 to 10/30/2018. 19 pp.
- Thomas, Nancy. 1998. Letter from Thomas, Endangered Species Disease Specialist, USGS National Wildlife Health Center, Madison, WI, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 11/06/98. Necropsy and parasite data on Great lakes wolves. 3 pp. plus 2 single-page data tables.
- Thomas, Nancy. 2006. Letter from Thomas, Endangered Species Disease Specialist, USGS National Wildlife Health Center, Madison, WI, to WGL Wolf Delisting Comment Analysis Team, dated 06/16/06. Peer Reviewer comments on Proposed Rule to Delist Western Great Lakes Population of Gray Wolves. 3 pp. plus 80-page attachment.
- Utah Division of Wildlife Resources, pers. comm. 2020. Phone conversation with Kimberly Asmus Hersey, Utah Division of Wildlife Resources, Mammal Conservation Coordinator. April 8, 2020.
- West, Barbara. 2004. Letter from West, Superintendent, Voyageurs National Park, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 03/24/04. Regarding future of wolves in Voyageurs National Park. 3 pp.
- Wydeven, Adrian. 2006. E-mail from Wydeven, WI DNR Mammalian Ecologist, to Ron Refsnider, USFWS Regional Office, Ft. Snelling, MN, dated 01/25/06. Subject: Menominee Tribe wolf support. 2 pp.
- Wydeven, A. P. 2019a. Peer review of USFWS's draft biological report and proposed delisting rule in Summary Report of Independent Peer Reviewers for the U.S. Fish and Wildlife Service Gray Wolf Delisting Review (Atkins, May 2019). 25 pp.
- Wydeven, A. P. 2019b. Public comments regarding the Service's proposal to remove the gray wolf from the List of Endangered and Threatened Species. 4 pp.