

**References Cited in the Proposed Rule:**  
**Endangered and Threatened Wildlife and Plants; Establishment of a Nonessential Experimental Population of the Gray Wolf in Colorado**

- 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, MT. 59601. Unpublished report. 9 pp.
- Bennett, L. E., U.S. Fish and Wildlife Service, University of Wyoming. Fish and Wildlife Cooperative Research, and Wyoming Cooperative Fishery and Wildlife Research Unit. 1994. Colorado gray wolf recovery: biological feasibility study: final report.
- Boyd, D. K., and D. H. Pletscher. 1999. Characteristics of dispersal in a colonizing wolf population in the Central Rocky Mountains. *The Journal of Wildlife Management*, 63(4): 1094–1108.
- California Department of Fish and Wildlife. 2021. California’s known wolves – past and present. Unpublished report. 3 pp. Available online: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=189247&inline>
- Carroll, C., M. K. Phillips, C. A. Lopez-Gonzalez, and N. H. Schumaker. 2006. Defining recovery goals and strategies for endangered species: the wolf as a case study. *BioScience*, 56(1): 25–37.
- Carroll, C., M. Phillips, N. Schumaker, and D. Smith. 2003. Impacts of landscape change on wolf restoration success: planning a reintroduction program based on static and dynamic spatial models. *Conservation Biology*, 17: 536–548.
- Colorado Parks and Wildlife (CPW). 2020. Status of Colorado’s deer, elk, and moose populations. Unpublished Report. February 2020. 12 pp. Available online: [https://cpw.state.co.us/Documents/Hunting/BigGame/Colorado\\_Big\\_Game\\_Population\\_Status\\_and\\_Management\\_Summary2\\_2020.pdf](https://cpw.state.co.us/Documents/Hunting/BigGame/Colorado_Big_Game_Population_Status_and_Management_Summary2_2020.pdf)
- Colorado Parks and Wildlife (CPW) 2021a. Wolf Management, Wolf Sighting and Confirmations. <https://cpw.state.co.us/learn/Pages/CON-Wolf-Management.aspx> Accessed, September 28, 2022.
- Colorado Parks and Wildlife (CPW) 2021b. Colorado Wolf Restoration and Management Plan Technical Working Group (TWG). Final report on wolf restoration logistics recommendations. November 2021. 26 pp. Available online: [https://cpw.state.co.us/Documents/Commission/2021/November/Item.21-November\\_2021\\_Final\\_TWG%20Report\\_Wolf\\_Restoration\\_Logistics\\_Recommendations-Eric\\_Odell-DNR.pdf](https://cpw.state.co.us/Documents/Commission/2021/November/Item.21-November_2021_Final_TWG%20Report_Wolf_Restoration_Logistics_Recommendations-Eric_Odell-DNR.pdf)
- Colorado Parks and Wildlife (CPW) 2022a. Colorado Wolf Restoration and Management Plan Technical Working Group (TWG). 2022a. Final report on recommendations for Colorado state listing/delisting thresholds and phasing. May 2022. 8 pp. Available online: [https://cpw.state.co.us/Documents/Commission/2022/June/Item.12-Final\\_%20May\\_2022\\_TWG\\_State\\_Listing\\_and\\_Delisting\\_Thresholds\\_Report.pdf](https://cpw.state.co.us/Documents/Commission/2022/June/Item.12-Final_%20May_2022_TWG_State_Listing_and_Delisting_Thresholds_Report.pdf)
- Colorado Parks and Wildlife (CPW) 2022b. Colorado Wolf Restoration and Management Plan Stakeholder Advisory Group (SAG). Report on impact-based management recommendations. September 2022. 107 pp. Available online: <https://engagecpw.org/11694/widgets/41196/documents/37108>
- Colorado Wolf Management Working Group. 2004. Findings and recommendations for managing wolves that migrate into Colorado. December 28, 2004. 70 pp. Available online: <https://cpw.state.co.us/Documents/WildlifeSpecies/SpeciesOfConcern/Wolf/recommendations.pdf>

- Congressional Research Service (CRS). 2020. Federal land ownership: overview and data. Report No. R42346.
- Ditmer, M. A., G. Wittemyer, S.W. Breck, and K. R. Crooks. 2022. Defining ecological and socially suitable habitat for the reintroduction of an apex predator. *Global Ecology and Conservation*, 38, e02192.
- Minnesota Department of Natural Resources 2021. Minnesota wolf population update 2020. Minnesota Department of Natural Resources Wildlife Restoration. Unpublished report. 7 pp. Available online: <https://files.dnr.state.mn.us/wildlife/wolves/2020/survey-wolf.pdf>
- Fritts, S. H., and L. N. Carbyn. 1995. Population viability, nature reserves, and the outlook for gray wolf conservation in North America. *Restoration Ecology*, 3(1): 26–38.
- Fuller, T. K., L. D. Mech, and J. F. Cochrane. 2003. Wolf population dynamics. In L. D. Mech and L. Boitani (eds.), *Wolves: Behavior, ecology, and conservation* (pp. 161–191). University of Chicago Press; USGS Publications Warehouse.
- Gese, E., and L. Mech. 1991. Dispersal of wolves (*Canis lupus*) in northeastern Minnesota, 1969–1989. *Canadian Journal of Zoology*, 69: 2946–2955.
- Hanley, Z. L., H. S. Cooley, B. T. Maletzke, and R. B. Wielgus. 2018. Forecasting cattle depredation risk by recolonizing gray wolves. *Wildlife Biology*, 2018(1): wlb.00419.
- 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(1): 29–43.
- Hurford, A., M. Hebblewhite, and M. A. Lewis. 2006. A spatially explicit model for an Allee effect: Why wolves recolonize so slowly in Greater Yellowstone. *Theoretical Population Biology*, 70(3): 244–254.
- International Union for Conservation of Nature (IUCN). 2013. Guidelines for reintroductions and other conservation translocations (Version 1.0). IUCN Species Survival Commission.
- Jimenez, M. D., E. E. Bangs, D. K. Boyd, D. W. Smith, S. A. Becker, D. E. Ausband, S. P. Woodruff, E. H. Bradley, J. Holyan, and K. Laudon. 2017. Wolf dispersal in the Rocky Mountains, Western United States: 1993–2008. *The Journal of Wildlife Management*, 81(4): 581–592.
- Larsen, T., and W. Ripple. 2006. Modeling gray wolf (*Canis lupus*) habitat in the Pacific Northwest, U.S.A. *Journal of Conservation Planning*, 2:30-61.
- 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*, 80(2): 368–376.
- Mech, L. D. 1995. The challenge and opportunity of recovering wolf populations. *Conservation Biology*, 9(2): 270–278.
- Mech, L. D. 2017. Where can wolves live and how can we live with them? *Biological Conservation*, 210: 310–317.

- Mech, L. D., and L. Boitani. 2003. Wolf social ecology. In L. D. Mech and L. Boitani (eds.), *Wolves: Behavior, ecology and conservation* (pp. 1–34). University of Chicago Press; USGS Publications Warehouse.
- Michigan Department of Natural Resources. 2022. Draft Michigan wolf management plan updated 2022 (Wildlife Division Report No. 3703).
- Mladenoff, D. J., T. A. Sickley, and A. P. Wydeven. 1999. Predicting gray wolf landscape recolonization: logistic regression models vs. new field data. *Ecological Applications*, 9(1): 37–44.
- Mladenoff, D., T. Sickley, R. Haight, and A. Wydeven. 1995. A regional landscape analysis and prediction of favorable gray wolf habitat in the Northern Great Lakes Region. *Conservation Biology*, 9: 279–294.
- 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.
- 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 Northern Rocky Mountains of the United States. *The Journal of Wildlife Management*, 70(2): 554–563.
- Odell, E. A., J. R. Heffelfinger, S. S. Rosenstock, C. J. Bishop, S. Liley, A. González-Bernal, J. A. Velasco, and E. Martínez-Meyer. 2018. Perils of recovering the Mexican wolf outside of its historical range. *Biological Conservation*, 220: 290–298.
- Oregon Department of Fish and Wildlife. 2015. Updated mapping potential gray wolf range in Oregon. Oregon Department of Fish and Wildlife, Salem, Oregon.
- Oregon Department of Fish and Wildlife. 2022. Oregon wolf conservation and management 2021 annual report. Oregon Department of Fish and Wildlife, Salem, Oregon.
- Parks, M., K. Podruzny, S. Sells, T. Parks, T. Smucker, N. Lance, and W. Cole. 2022. Montana gray wolf conservation and management 2021 annual report. Montana Fish, Wildlife & Parks. Helena, Montana. 53 pages.
- Smith, D. R., N. L. Allan, C. P. McGowan, J. A. Szymanski, S. R. Oetker, and H. M. 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.
- Smith, D. W., E. E. Bangs, J. K. Oakleaf, C. Mack, J. Fontaine, D. Boyd, M. Jimenez, D. H. Pletscher, 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. *The Journal of Wildlife Management*, 74(4): 620–634.
- Stahler, D. R., D. W. Smith, K. A. Cassidy, E. E. Stahler, M. C. Metz, R. McIntyre, and D. R. MacNulty. 2020. Ecology of family dynamics in Yellowstone wolf packs. In D. W. Smith, D. R. Stahler, and D. R. MacNulty (eds.), *Yellowstone wolves: science and discovery in the world's first national park* (pp. 42–60). University of Chicago Press.

- Stenglein, J. L., and T. R. Van Deelen. 2016. Demographic and component Allee effects in Southern Lake Superior gray wolves. *PLOS ONE*, 11(3), e0150535.
- 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 Issues*: Vol. 10, Article 1.
- Treves, A. 2009. Hunting for large carnivore conservation. *Journal of Applied Ecology*, 46(6): 1350–1356.
- U.S. Fish and Wildlife Service (Service). 1980. Northern Rocky Mountain wolf recovery plan. U.S. Fish and Wildlife Service, Denver, Colorado
- U.S. Fish and Wildlife Service (Service). 1987. Northern Rocky Mountain wolf recovery plan. U.S. Fish and Wildlife Service, Denver, Colorado.
- U.S. Fish and Wildlife Service (Service). 1992. Recovery plan for the eastern timber wolf. Twin Cities, Minnesota.
- U.S. Fish and Wildlife Service (Service). 1994. Final environmental impact statement for the reintroduction of gray wolves to Yellowstone National Park and Central Idaho. U.S. Fish and Wildlife Service.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2001. Rocky Mountain wolf recovery 2000 annual report. U.S. Fish and Wildlife Service, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2002. Rocky Mountain wolf recovery 2001 annual report. T. Meier, ed. U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2003. Rocky Mountain wolf recovery 2002 annual report. T. Meier, ed. U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, and USDA Wildlife Services. 2004. Rocky Mountain wolf recovery 2003 annual report. T. Meier, ed. U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, Montana Fish, Wildlife and Parks, Idaho Fish and Game, and USDA Wildlife Services. 2005. Rocky Mountain wolf recovery 2004 annual report. D. Boyd, ed. U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Idaho Fish and Game, and USDA Wildlife Services. 2006. Rocky Mountain wolf recovery 2005 annual report. C. A. Sime and E. E. Bangs (eds.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.

- U.S. Fish and Wildlife Service (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 (eds.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Idaho Fish and Game, and USDA Wildlife Services. 2008. Rocky Mountain wolf recovery 2007 annual report. C. A. Sime and E. E. Bangs (eds.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Idaho Fish and Game, and USDA Wildlife Services. 2009. Rocky Mountain wolf recovery 2008 interagency annual report. C. A. Sime and E. E. Bangs (eds.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Nez Perce Tribe, National Park Service, Montana Fish, Wildlife & Parks, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Idaho Fish and Game, and USDA Wildlife Services. 2010. Rocky Mountain wolf recovery 2009 interagency annual report. C. A. Sime and E. E. Bangs (eds.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Montana Fish, Wildlife & Parks, Nez Perce Tribe, National Park Service, Blackfeet Nation, Confederated Salish and Kootenai Tribes, Wind River Tribes, Washington Department of Wildlife, Oregon Department of 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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.

- U.S. Fish and Wildlife Service (Service), Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service, Blackfoot 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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service, Blackfoot 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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service), Idaho Department of Fish and Game, Montana Fish, Wildlife & Parks, Wyoming Game and Fish Department, Nez Perce Tribe, National Park Service, Blackfoot 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.). U.S. Fish and Wildlife Service, Ecological Services, Helena, Montana.
- U.S. Fish and Wildlife Service (Service). 2017. Mexican wolf recovery plan, first revision. U.S. Fish and Wildlife Service, Region 2, Albuquerque, New Mexico.
- U.S. Fish and Wildlife Service (Service). 2020. Gray wolf biological report: information on the species in the lower 48 United States. U.S. Fish and Wildlife Service.
- 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. 2022. Washington gray wolf conservation and management 2021 annual report. Washington Department of Fish and Wildlife, Ellensburg, Washington.
- Wisconsin Department of Natural Resources. 2022. Wisconsin gray wolf monitoring report 15 April 2021 through 14 April 2022. Wisconsin Department of Natural Resources, Bureau of Wildlife Management, Madison, Wisconsin.
- Wyoming Game and Fish Department, U.S. Fish and Wildlife Service, National Park Service, USDA-APHIS-Wildlife Services, and Eastern Shoshone and Northern Arapahoe Tribal Fish and Game Department. 2022. Wyoming gray wolf monitoring and management 2021 annual report. Wyoming Game and Fish Department, Cheyenne, Wyoming.