

ROBERT M. INMAN

CURRICULUM VITAE

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EDUCATION

- Ph.D.** Conservation Biology, Grimsö Wildlife Research Station, Department of Ecology, Swedish University of Agricultural Sciences, Uppsala, Sweden, 2013.
Dissertation: "Wolverine Ecology and Conservation in the Western United States."
- M.S.** Wildlife Ecology and Management, University of Tennessee, Knoxville, 1997.
Thesis: "Caloric Production of Black Bear Foods in Great Smoky Mountains National Park."
- B.S.** Forestry, University of Tennessee, 1994. Minor in Wildlife and Fisheries Management.

PROFESSIONAL EXPERIENCE

- Director, Greater Yellowstone Wolverine Program, Hornocker Institute/Wildlife Conservation Society.
2001–2013
- Research Biologist, New Mexico Black Bear Project, Hornocker Wildlife Institute.
1998–2001
- Biological Aide, Panhandle Region, Idaho Department of Fish & Game.
1997
- Volunteer, Red Wolf Recovery Program, Smoky Mountains, United States Fish and Wildlife Service.
1997
- Biological Technician, Cerulean Warbler Project, Univ. of Tennessee Dept. of Forestry, Wildlife & Fishies.
1997
- Teaching Assistant, Bear Research Program, Univ. of Tennessee Dept. of Forestry, Wildlife & Fisheries.
1994–1996

PUBLICATIONS & TECHNICAL REPORTS

- Inman, R.M.** and M.L. Packila. In prep. The first verified wolverine record in Colorado since 1919, a 962 km movement.
- Inman, R.M.** and M.L. Packila. In prep. Bottled oxygen: an essential component for wolverine immobilization in the Rocky Mountains.
- Inman, R. M.**, B.L. Brock, K.H. Inman, S.S. Sartorius, B.C. Aber, B. Giddings, S.L. Cain, M.L. Orme, J.A. Fredrick, B.J. Oakleaf, K.L. Alt, E. Odell, and G. Chapron. In review. Developing Priorities for Metapopulation Conservation at the Landscape Scale: Wolverines in the Western United States. Wolverine Translocation Techniques Working Group. 2013. Restoration of wolverines: Considerations for translocation and post-release monitoring. General Technical Report, Ennis, Montana, USA. 51 pages. (**R.M. Inman** was the primary editor of this document. The document synthesized input from a group of 28 professionals with expertise on wolverine ecology, carnivore translocations, and veterinary practices).
- Inman, R.M.** 2013. Wolverine ecology and conservation in the western United States. PhD Dissertation, Grimsö Wildlife Research Station, Department of Ecology, Swedish University of Agricultural Sciences, Uppsala, Sweden.

- Inman, R.M.**, B. Aber, R. Seidler, N. Walker, J. Ivan, S. Cain, R. Kahn, D. Tyers, J. Fredrick, and J. Zimmer. 2013. Monitoring wolverines in the Western United States, Pilot Effort, Winter 2010-11. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, S. Bergen, and J. Beckmann. 2013. Wolverine Connectivity in Greater Yellowstone: a Circuitscape Analysis at the Metapopulation Scale, a report for the Greater Yellowstone Coordinating Committee. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, A.J. Magoun, J. Persson, and J. Mattisson. 2012. The wolverine's niche: Linking reproductive chronology, caching, competition, and climate. *Journal of Mammalogy* 93(3):634–644.
- Inman, R.M.**, M.L. Packila, K.H. Inman, A.J. McCue, G.C. White, J. Persson, B.C. Aber, M.L. Orme, K.L. Alt, S.L. Cain, J.A. Fredrick, B.J. Oakleaf, and S.S. Sartorius. 2012. Spatial ecology of wolverines at the southern periphery of distribution. *Journal of Wildlife Management* 76(4):778–792.
- Inman, K., A. Toivola, N. Walker, and **R. Inman**. 2012. Monitoring winter recreation use patterns in recommended Wilderness areas. Report to the Beaverhead-Deerlodge National Forest. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Inman, K., A. Toivola, N. Walker, and **R. Inman**. 2012. Monitoring backcountry winter recreation on public lands. Report to the Greater Yellowstone Coordination Committee and Bridger-Teton, Caribou-Targhee, Gallatin, and Shoshone National Forests. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Murphy, K., J. Wilmot, J. Copeland, D. Tyers, J. Squires, **R. Inman**, M. Packila, and D. McWhirter. 2011. Wolverine conservation in Yellowstone National Park: Final report, YCR-2011-02. National Park Service, Yellowstone National Park, Yellowstone Center for Resources, Mammoth, Wyoming.
- Spence, R. C. Schultz, S. Wait, N. Perry, S. Waters, and **R. Inman**. 2011. Wolverine surveys in Colorado's San Juan Mountains. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Copeland, J.P., K.S. McKelvey, K.B. Aubry, A. Landa, J. Persson, **R.M. Inman**, J. Krebs, E. Lofroth, H. Golden, J.R. Squires, A. Magoun, M.K. Schwartz, J. Wilmot, C.L. Copeland, R.E. Yates, I. Kojola, and R. May. 2010. The bioclimatic envelope of the wolverine: Do environmental constraints limit their geographic distribution? *Canadian Journal of Zoology* 88(3): 233-246.
- Berg, N.D. and **R.M. Inman**. 2010. Uinta Mountain lynx and wolverine survey report. Uinta-Wasatch-Cache and Ashley National Forests. United States Forest Service, General Technical Report, Kamas, Utah, USA.
- Inman, R.M.**, M.L. Packila, K.H. Inman, B. Aber, and D. McCauley. 2009. Greater Yellowstone Wolverine Program-Progress Report December 2009. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Schwartz, M.K., J.P. Copeland, N.J. Anderson, J.R. Squires, **R.M. Inman**, K.S. McKelvey, K.L. Pilgrim, L.P. Waits, S.A. Cushman. 2009. Wolverine gene flow across a narrow climatic niche. *Ecology* 90(11): 3222-3232.
- Inman, R.M.**, K. Aune, and J. Hilty. 2008. Yellowstone, Scale, and Wolverines: Challenges and Opportunities. Pages 106-119 *in* K. H. Redford and C. Grippio, editors. Protected Areas, Governance, and Scale. Wildlife Conservation Society Working Paper No. 36.
- Inman, R.M.**, M.L. Packila, K.H. Inman, R.S. Spence, and D. McCauley. 2008. Greater Yellowstone Wolverine Program-Progress Report November 2008. Wildlife Conservation Society, North America, Greater Yellowstone Wolverine Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, C.M. Costello, D.E. Jones, K.H. Inman, B.C. Thompson, and H.B. Quigley. 2007. Denning chronology and design of effective bear management units. *Journal of Wildlife Management* 71(5): 1476-1483.

- Schwartz, M.K., K.B. Aubry, K.S. McKelvey, K.L. Pilgrim, J.P. Copeland, J.R. Squires, **R.M. Inman**, S.M. Wisely, L.F. Ruggiero. 2007. Inferring geographic isolation of wolverines in California using historical DNA. *Journal of Wildlife Management* 71(7): 2170-2179.
- Inman, R.M.**, K.H. Inman, A.J. McCue, M.L. Packila, G.C. White, and B.C. Aber. 2007. Wolverine space use in Greater Yellowstone. Chapter 1 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Brock, B.L., **R.M. Inman**, K.H. Inman, A.J. McCue, M.L. Packila, and B. Giddings. 2007. Broad-scale wolverine habitat in the conterminous Rocky Mountain States. Chapter 2 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, A.J. Magoun, J. Persson, D. Pedersen, J. Mattisson, and J.K. Bell. 2007. Wolverine reproductive chronology. Chapter 3 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, K.H. Inman, M.L. Packila, and A.J. McCue. 2007. Wolverine reproductive rates and maternal habitat in Greater Yellowstone. Chapter 4 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Inman, R.M.**, K. H. Inman, A.J. McCue, and M.L. Packila. 2007. Wolverine harvest in Montana: survival rates and spatial considerations for harvest management. Chapter 5 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- McCue, A.J., **R.M. Inman**, K.H. Inman, and M.L. Packila. 2007. Diel winter activity of wolverines in Greater Yellowstone. Chapter 6 *in* Greater Yellowstone Wolverine Study, Cumulative Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Packila, M.L., A.J. McCue, **R.M. Inman**, and K.H. Inman. 2007. Wolverine road crossings in Greater Yellowstone. Chapter 7 *in* Greater Yellowstone Wolverine Study, Cumulative Progress Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Packila, M.L., A.J. McCue, **R.M. Inman**, and K.H. Inman. 2007. Wolverine food habits in Greater Yellowstone. Chapter 8 *in* Greater Yellowstone Wolverine Study, Cumulative Progress Report, May 2007. Wildlife Conservation Society, North America Program, General Technical Report, Ennis, Montana, USA.
- Brock, B.L. and **R.M. Inman**. 2006. Use of latitude-adjusted elevation in broad-scale species distribution models. *Intermountain Journal of Science* 12:12-17.
- Costello, C.M., K.S. Quigley, D.E. Jones, **R.M. Inman**, and K.H. Inman. 2006. Observations of a denning-related dermatitis in American black bears. *Ursus* 17(2):186-190.
- Inman, R.M.**, R.R. Wigglesworth, K.H. Inman, M.K. Schwartz, B.L. Brock, and J.D. Rieck. 2004. Wolverine makes extensive movements in the Greater Yellowstone Ecosystem. *Northwest Science* 78(3):261-266.
- Costello, C.M., K.H. Inman, D.E. Jones, **R.M. Inman**, B.C. Thompson, and H.B. Quigley. 2004. Reliability of the cementum annuli technique estimating age of black bears in New Mexico. *Wildlife Society Bulletin* 32(1):169-176.
- Costello, C.M., D.E. Jones, **R.M. Inman**, K.H. Inman, B.C. Thompson, and H.B. Quigley. 2003. Relationship of variable mast production to American black bear reproductive parameters in New Mexico. *Ursus* 14:1-16.
- Inman, R.M.** and M.R. Pelton. 2002. Energetic production by soft and hard mast foods of American black bears in the Smoky Mountains. *Ursus* 13:153-164.

- Costello, C.M., D.E. Jones, K.A. Green-Hammond, **R.M. Inman**, K.H. Inman, H.B. Quigley, B.C. Thompson, and R.A. Deitner. 2001. A Study of New Mexico Black Bear Ecology with Models for Population Dynamics, and Habitat Quality. Research Completion Report. 213 pp.
- Costello, C.M., **R.M. Inman**, K.L. Higgins, D.E. Jones, H.B. Quigley, and S.L. Simek. 2001. Comparison of an expandable radio-collar and an ear-tag transmitter for monitoring juvenile black bears. Western Black Bear Workshop 7:17.
- Inman, R.M.** 1997. Caloric production of black bear foods in Great Smoky Mountains National Park. MS Thesis, University of Tennessee, Knoxville.
- Crawford, B. A. and **R. M. Inman**. 1997. Wolf prey densities at three release locations in Great Smoky Mountains National Park. Technical Report. Submitted to U.S. Fish and Wildlife Service Red Wolf Recovery Coordinator, Asheville, NC and National Park Service Resource Division, Gatlinburg, TN.
- Martorello, D. A. and **R. M. Inman**. 1996. Black bear population and biological monitoring in Great Smoky Mountains National Park, Tennessee, 1996. Technical Report. Submitted to National Park Service Resource Management Division, Gatlinburg, TN.
- Inman, R. M.** 1995. Black bear population and biological monitoring in Great Smoky Mountains National Park, Tennessee, 1995. Technical Report. Submitted to National Park Service Resource Management Division, Gatlinburg, TN.
- Inman, R. M.**, and J. Pedersen. 1994. Black bear population and biological monitoring in Great Smoky Mountains National Park, Tennessee, 1994. Technical Report. Submitted to National Park Service Resource Management Division, Gatlinburg, TN.

CONFERENCE/MEETING ORGANIZATION

- Wolverine Workshop 2012.** Methods for Translocating Wolverines. Organizer and Host. March 19-20, 2012. Laramie, Wyoming.
- Wolverine Workshop 2010.** Wolverine Restoration in the Southern Rocky Mountains: Agency Perspectives and Biology Associated with Translocation. Co-Organizer and Co-Host. May 19-20, 2010. Fort Collins, Colorado.
- Wolverine Workshop 2009.** Landscape-level Management: Would Wolverine Restorations in the Western United States Be Appropriate, Beneficial, and Feasible? Organizer and Host. July 20-21, 2009. Cameron, Montana.
- Wolverine Workshop 2007.** Working Toward a Collaborative Strategy for Wolverine Management in the Yellowstone Region. Organizer and Host. June 18-20, 2007. Emigrant, Montana.

GRANTS

- \$210,000 National Fish and Wildlife Foundation. 2013. Conserving wolverine movement corridors in Montana and Idaho, R. Inman and J. Beckmann with J. Burrell and Jodi Hilty.
- \$160,000 Tapeats Foundation. Annual Grants, 2002-2013. Wolverine ecology and conservation in Greater Yellowstone, R. Inman with K. Inman and M. Hornocker.
- \$159,000 Private Individuals. Annual Grants, 2001-2013. Wolverine ecology and conservation in Greater Yellowstone, M. Hornocker and R. Inman with K. Inman, and M. Richey.
- \$608,000 National Park Service. 2010-2013. A cooperative plan for wolverine recovery and management, R. Inman and E. Leslie with J. Hilty.
- \$222,000 Caribou-Targhee National Forest. Annual Challenge Cost-Share Grant 2001-20012. Wolverine ecology and winter recreation surveys, R. Inman and K. Inman with J. Beecham.
- \$45,000 Montana Department of Fish, Wildlife, and Parks. Annual Grants 2002-2012. Wolverine ecology and conservation including winter recreation, R. Inman and K. Inman.
- \$32,000 Beaverhead-Deerlodge National Forest. 2010-2012. Winter recreation surveys for

- wilderness incursions, K. Inman and R. Inman.
- \$20,000 Great Northern Landscape Conservation Cooperative. 2011. The Wolverine Partnership: An Opportunity to Achieve Landscape-level Conservation in the Face of 21st Century Challenges, R. Inman, J. Gude, J. Waller, D. Becker, M. Schwartz, B. McLellan, S. Sartorius, and C. Servheen.
- \$183,000 Wilburforce Foundation. Annual Grants, 2002-2011. Wolverine ecology and conservation in Greater Yellowstone, B. Weber, G. Tabor, and J. Hilty with R. Inman and K. Inman.
- \$18,000 Greater Yellowstone Coordinating Committee. 2010-2011. Winter recreation survey techniques, R. Inman, K. Inman and M. Orme.
- \$25,000 Greater Yellowstone Coordinating Committee. 2010-2011. Wolverine connectivity in Greater Yellowstone using Circuitscape, P. Copolillo, S. Bergen and R. Inman.
- \$20,000 Hewlett Foundation. 2010-2011. Wolverine connectivity in the western United States, R. Inman and K. Aune with J. Hilty and J. Burrell.
- \$125,000 New York Community Trust. Bi-annual Grant 2006-2010. Wolverine ecology and conservation in the Western United States, G. Tabor and R. Inman with J. Burrell.
- \$6,000 Grand Teton National Park Foundation. 2010, Monitoring wolverines in the Western United States, R. Inman and S. Cain.
- \$9,000 Bureau of Land Management. 2010. Wolverine surveys in Colorado's San Juan Range. R. Inman, N. Perry, C. Schultz, and S. Wait.
- \$40,000 Murdoch Foundtn. 2009-2010. Wolverine monitoring High Divide. R. Inman and H. Kretser.
- \$84,000 Private Individuals. Annual Grants, 2003-2010. Wolverine ecology and conservation in Greater Yellowstone, B. Weber and J. Hilty with R. Inman and K. Inman.
- \$63,000 National Geographic Conservation Trust. 2009. Climate change, motorized winter recreation and wolverine conservation in the Rocky Mountains, J. Burrell with R. Inman and K. Inman.
- \$106,000 Idaho Department of Fish and Game. Annual State Wildlife Grants, 2002-2008. Wolverine conservation in Grtr Yellowstone, K. Inman and R. Inman with J. Beecham and M. Hornocker.
- \$235,000 Laura Moore-Cunningham Foundation. Bi-annual Grants, 2001-2008. Wolverine ecology and conservation in Yellowstone, M. Hornocker with J. Beecham, R. Inman, and K. Inman.
- \$10,000 Weedin Foundation. 2008. Wolverines in the High Divide, R. Inman, J. Hilty, and J. Burrell.
- \$145,000 Bullitt Foundation. Bi-annual Grants 2002-2007. Wolverine ecology and conservation in Greater Yellowstone, K. Inman and M. Hornocker with R. Inman and C. Groves.
- \$28,000 Disney Wildlife Conservation Fund. 2006-2007. Wolverine ecology and conservation in Greater Yellowstone, R. Inman and K. Inman with C. Groves.
- \$192,000 Richard King Mellon Foundation. Bi-annual Grants 2001-2006. Wolverine ecology and conservation in Greater Yellowstone, M. Hornocker, R. Inman, and K. Inman.
- \$25,000 WCS Action Opportunities Fund and Doris Duke Charitable Foundation. 2006. Wolverine conservation in the Western United States, K. Inman and R. Inman with C. Groves.
- \$28,000 Bridger-Teton National Forest. Annual Challenge Cost-Share Grant 2005-2006. Wolverine ecology and conservation in Greater Yellowstone, R. Inman and K. Inman.
- \$13,000 Wyoming Game and Fish Department. State Wildlife Grant 2002-2005. Wolverine ecology and conservation in Greater Yellowstone, R. Inman and K. Inman.
- \$4,000 Community Foundation of Jackson Hole. 2005. Wolverine ecology and conservation in Greater Yellowstone, K. Inman and R. Inman.
- \$50,000 National Fish and Wildlife Foundation. 2005. Wolverine ecology in Greater Yellowstone, R. Inman and K. Inman with B. Weber.
- \$15,000 Greater Yellowstone Coordinating Committee. 2004. Wolverine ecology and conservation in Greater Yellowstone, R. Inman and K. Inman with C. Groves.
- \$23,000 Greater Yellowstone Coordinating Committee. 2002. Wolverine ecology and conservation in Greater Yellowstone, R. Wigglesworth and J. Beecham with R. Inman and K. Inman.
- \$13,000 Norcross Foundation. 2001. M. Hornocker and H. Quigley with R. Inman.

PRESENTATIONS

- Wolverine ecology and conservation in the western United States. March 2013. Offices of the United States Fish and Wildlife Service, Pocatello Idaho with others from USFWS and Idaho Fish and Game web-linked from Boise, Idaho Falls, and Salmon, Idaho; Spokane, Washington; and Helena, Montana.
- Wolverine ecology and conservation in the western United States. Jan 2013. Swedish University of Agricultural Sciences, Department of Ecology, Uppsala, Sweden.
- Wolverine ecology and conservation in the western United States. Oct 2012. Caribou-Targhee National Forest, Idaho Falls, Idaho.
- Wolverine connectivity in the High Divide. Oct 2012. Wildlife Conservation Society, The Nature Conservancy, United States Fish and Wildlife Service, Montana Fish, Wildlife and Parks.
- Navigating the network, delineating and calibrating wolverine dispersal corridors in the western continental US. Oct 2012. (Presented by Scott Bergen) The Wildlife Society, National Meeting, Transformative Research and Management in Northwestern Large and Meso-Carnivores Session, Portland, Oregon.
- WCS Circuitscape Analyses: Connecting the Northern Rockies. August 2012. Brainerd Foundation, Wilburforce Foundation. Bozeman, Montana.
- Wolverines. (Presented by Kris Inman). July 2012. Public Presentation, Yellowstone Club, Big Sky, Montana.
- Wolverines and Pronghorn: Addressing conservation at scale. March 2012. United States Fish and Wildlife Service Headquarters, Washington, D.C.
- Wolverines and the Southern Rockies. March 2012. Denver Zoological Society, Rocky Mountain Wild, Defenders of Wildlife, Wild Earth Guardians, Denver Zoo, Denver, Colorado.
- Wolverine Research. (Presented by Kris Inman) March 2012. Ennis Elementary School, Ennis, Montana.
- Wolverine Research and Conservation. June 2011. WCS Donor Event. Jackson Hole, Wyoming.
- Greater Yellowstone Wolverine Program. June 2011. Alberta Conservation Association Wolverine Planning Meeting. Blairmore, Alberta, Canada.
- Wolverine biology and conservation. (Presented by Renee Seidler). June 2011. Wyoming Game and Fish Department. Laramie, Wyoming.
- Greater Yellowstone Wolverine Program. (Presented by Renee Seidler). May 2011. Wyoming Game and Fish Department. Moose, Wyoming.
- Moving wolverine conservation forward in the 21st century. March 2011. Invited Banquet Speaker, Idaho Chapter of The Wildlife Society Annual Meeting, Idaho Falls, Idaho.
- Wolverine Habitat and Distribution. Jan 2011. Montana State University. Biogeography Class, Bozeman, Montana.
- Wolverine habitat and connectivity via Circuitscape. Dec 2010. A presentation for the Montana Department of Fish, Wildlife and Parks' Crucial Areas and Connectivity Planning Team. Helena, Montana.
- Wolverine Research and Conservation in the Western United States. November 2010. Invited Speaker, California Academy of Sciences, San Francisco, California.
- Wolverine Research and Conservation in the Western United States. November 2010. Invited Speaker, Princeton Club of New York, Manhattan, New York.
- Circuit Theory and Wildlife Connectivity: Background, Developments, and Potential Further Studies. (Presented by Scott Bergen). Nov 2010. Wilburforce Foundation. Bozeman, Montana.
- Wolverines and the significance of the Southern Rockies. May 2010. Wolverine Workshop 2010, a multi-agency conference to consider the possibility of reintroduction to Colorado and begin developing appropriate methods for wolverine translocations, hosted by the Wildlife Conservation Society and National Park Service, Fort Collins, Colorado.
- Wolverine ecology and conservation in the western United States. March 2010. National Wildlife Art Museum, After Hours Speaker Series, Jackson Hole, Wyoming.
- Wolverine Ecology and Conservation. Jan 2010. Baxter Environmental Speaker Series, Bozeman,

Montana.

- Greater Yellowstone Wolverine Program: Progress Report. Aug 2009. Western Forest Carnivore Committee Bi-annual Meeting, Tacoma, Washington.
- Wolverine ecology and conservation. Aug 2009. United States Forest Service, Beaverhead-Deerlodge National Forest, Forest Leadership Team Meeting. Butte, Montana.
- Spatial Ecology of Wolverines at the Southern Periphery of Distribution: Implications for Management. July 2009. Wolverine Workshop 2009, a multi-agency conference to consider the possibility of wolverine reintroduction to areas of historical distribution, Colorado, California, Utah, hosted by the Wildlife Conservation Society. Cameron, Montana.
- Wolverine detection and monitoring. (Presented with Audrey Magoun). July 2009. Wolverine Workshop 2009, a multi-agency conference to consider the possibility of wolverine reintroduction to areas of historical distribution, Colorado, California, Utah, hosted by the Wildlife Conservation Society. Cameron, Montana.
- Moving wolverine conservation forward in the 21st century. July 2009. Flat Ranch, Island Park, Idaho. Nature Conservancy invited speaker series for public education.
- Factors Affecting Wolverine Activity: Generalized Linear Modelling Approach. (Presented by Tony McCue) Apr 2009. Departmental Seminar, Ecology Department, Memorial University of Newfoundland
- Wolverine Biology. Apr 2009. Helena Hunters and Anglers Association. Helena, Montana.
- Wolverine Research in Greater Yellowstone. Nov 2008. Departmental Seminar. Grimsö Wildlife Research Station, Ecology Department, Swedish University of Agricultural Sciences, Riddarhyttan, Sweden.
- Greater Yellowstone Wolverine Program: Project Overview. July 2008. Interagency Lynx and Wolverine Steering Committee, Missoula, Montana.
- Wolverines and Winter Recreation. May 2008. Recreation Planners Conference. Missoula, Montana.
- Yellowstone, Scale, & Wolverines: An Opportunity to Advance the Conservation Legacy. Apr 2008. Conference on Protected Areas, Governance, and Scale, White Oak, Florida.
- Wolverines of Greater Yellowstone: A Cooperative Field Research Program. March 2008. Colorado Department of Wildlife, Fort Collins, Colorado.
- Wolverines of Greater Yellowstone: A Cooperative Field Research Program. March 2008. Colorado State University, Fort Collins, Colorado.
- Wolverine Survival and Harvest in Montana: Protecting the Central Linkage Region. March 2008. Montana Department of Fish, Wildlife and Parks Regional Managers Meeting, Helena, Montana.
- The Wolverine Metapopulation: A Case for Collaborative Landscape-Level Management Focused on Linkage. Nov 2007. United States Forest Service and Idaho Department of Fish and Game, Boise, Idaho.
- The Wolverine Metapopulation: A Case for Collaborative Landscape-Level Management Focused on Linkage. Nov 2007. United States Forest Service and Idaho Department of Fish and Game, Salmon, Idaho.
- The Wolverine Metapopulation: A Case for Collaborative Landscape-Level Management Focused on Linkage. Nov 2007. West by Northwest Workshop, a Multi-agency and Organization Collaboration to Achieve Connectivity. West Yellowstone, Montana
- Wolverines of Greater Yellowstone: Ecology, survival, and winter recreation. Sept 2007. Presentation to the Montana Field Office, Denver Regional Office, and Washington DC office personnel of the United States Fish and Wildlife Service involved in decisions related to listing as a threatened or endangered species. Missoula, Montana.
- Wolverines in Yellowstone. Sept 2007. Invited speaker, Ennis Fly-fishing Festival, Ennis, Montana.
- Wolverine Research in Greater Yellowstone. Aug 2007. Moonlight Basin Resort, Big Sky, Montana.
- Wolverine Survival and Harvest in Montana: Protecting the Central Linkage Region. June 2007. Montana Department of Fish, Wildlife and Parks Region 3 Wildlife Biologist Meeting, Cameron, Montana.

- Wolverine Harvest in Montana: Survival Rates and Spatial Considerations for Harvest. June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Wolverines in a changing landscape: Highways and development. (Presented by Tony McCue). June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Preliminary Data on Wolverines and Winter Recreation. June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Reproductive Rates and Maternal Habitat of Wolverines in Greater Yellowstone. (Presented by Mark Packila). June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Broad-scale Wolverine Habitat in the Conterminous Rocky Mountain States: Creating a Map of Wolverine Habitat at the Scale Necessary for Collaborative Regional Planning. June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Wolverine Space Use in Greater Yellowstone: Determining an effective scale for conservation strategies. June 2007. Wolverine Workshop 2007, a multi-agency conference to present research and discuss management of wolverines, hosted by the Wildlife Conservation Society. Emigrant, Montana.
- Wolverines! March 2007. Public Presentation, Baxter Hotel, Bozeman, Montana.
- Foundations for Wolverine Conservation. March 2007. University of Wyoming-National Park Service Research Center Speaker Series. Grand Teton National Park, Moose, Wyoming.
- Foundations for Wolverine Conservation. March 2007. Montana State University, Departmental Seminar, Ecology. Bozeman, Montana.
- Greater Yellowstone Wolverine Program: Progress Report. March 2006. Western Forest Carnivore Committee Bi-annual Meeting, Olympia, Washington.
- Denning Chronology and Design of Effective Bear Management Units. 2006. 9th Western Black Bear Workshop, Raton, New Mexico.
- Wolverines and Winter Recreation. June 2005. First International Symposium on Wolverine Research and Management. Jokkmokk, Sweden.
- Progress Report, Greater Yellowstone Wolverine Study. Nov 2004. Carnivores Conference 2004: Expanding Partnerships in Carnivore Conservation. Santa Fe, New Mexico.
- Wolverines and Winter Recreation. Aug 2004. International Congress for Conservation Biology Conference, Columbia University, New York, New York.
- Wolverine Ecology and Management in the Greater Yellowstone Ecosystem, a Program Overview and Update. Feb 2004. Montana Chapter of The Wildlife Society, Annual Meeting. Bozeman, Montana.
- Wolverine Ecology in Yellowstone, Including Data from the First GPS Collar Fit on a Wolverine. Nov 2002. Carnivores Conference 2002. Monterey, California.
- Den Ecology of New Mexico Black Bears. 2001. 34th Joint Annual Meeting of the Arizona/New Mexico Chapters of The Wildlife Society. Gallup, New Mexico.
- Caloric Production of Black Bear Foods in Great Smoky Mountains National Park. April 1998. 11th International Conference on Bear Research and Management. Gatlinburg, Tennessee.
- Caloric Production of Black Bear Foods. 1997. Tennessee chapter of The Wildlife Society Annual Meeting, Nashville, Tennessee.
- Black Bear Research and Ecology. 1994-1997, Presented over 75 hours of educational programs about black bears to youth and adult groups at the Great Smoky Mountains Institute, Wesley Woods Environmental Center, Tremont, Tennessee.

TEACHING EXPERIENCE

Ecology and Management of Wild Mammals, (Senior Level)

Created and graded all tests covering the following subject matter: Behavior, ecology and management of wild mammals of North America, identification by pelage, skull, habitat, and field sign, sex and age determination. Principles, status, needs, and techniques used for management of wild mammals. Habitat needs of mammals and techniques for measuring, monitoring, and improving habitats. Conservation of threatened and endangered mammals of the world, including social and economic causes of habitat degradation, fragmentation of habitats, methods of assessing habitat needs, and techniques for maintaining and improving habitats, including mitigation of conflicting interests for conservation purposes, population estimation techniques, telemetry.

Dendrology, Ecology, and Silvics of North American Trees, (Sophomore Level)

Lab instructor, 75 students. Determined lab content, created daily lesson plans and all tests, responsible for entire lab course grades, taught ecological principles and forest site characteristics, taught leaf, bark, twig, and seed identification of coniferous and eastern deciduous trees, facilitated integration of wildlife ecology into this course, received high marks of satisfaction from students on their course critiques.

Wildlife Habitat Evaluation and Management (Senior Level)

Aided students in design and interpretation of habitat suitability index (HSI) research projects. Graded habitat suitability index research projects and tests.

Wildlife Management Techniques, (Senior Level)

Created and graded all tests and helped teach the following subject matter: Moist soil management techniques for wetland areas, identification of wetland plants, ornithology including identification of 75 songbird species by sight and sound, assessment, development, preparation and presentation of wildlife management plans for land tracts, non-game wildlife management, wildlife capture and handling techniques, methods for wildlife damage control, integration of wildlife management with forestry and agricultural interests, identification of wildlife field sign.

GRADUATE COMMITTEES

Rainey, M.M., 2012. Validating alternative methods of modeling wildlife corridors using relocation data from migrating elk and dispersing wolverines. PhD Dissertation, Montana State University, Bozeman.

AWARDS & HONORS

Invited Banquet Speaker, Idaho Chapter of The Wildlife Society, Annual Meeting, 2011.
Outstanding Graduate Teaching Assistant, College of Natural Resources, Univ. of Tennessee, 1995-96.
Ober Gatlinburg Scholarship, 1994-1996.
Carlos C. Campbell Fellowship, Great Smoky Mountains Conservation Association, 1995.
Jimmy Jackson Conservation Scholarship, 1994.
Outstanding Student Award, Department of Forestry, Wildlife and Fisheries, Univ. of Tennessee, 1993.

PROFESSIONAL AFFILIATIONS

The Wildlife Society
International Association for Bear Research and Management
Society for Conservation Biology
American Society of Mammalogists
Rocky Mountain Elk Foundation

SELECT NEWS ARTICLES (Interviewed or about research program)

Jackson Hole News and Guide. Feb 6, 2013. Teton wolverine study key in move to protect. Research confirmed low numbers of elusive high-altitude mammal.

http://www.jhnewsandguide.com/article.php?art_id=9526

Seattle Times. Feb 1, 2013. Newsbreak: Feds: Warming imperils wolverines.

http://seattletimes.com/html/nationworld/2020261161_apuswolverineclimatechange.html

Christian Science Monitor. Feb 1, 2013. Climate change's latest victim: the wolverine.

<http://www.csmonitor.com/Environment/Latest-News-Wires/2013/0201/Climate-change-s-latest-victim-the-wolverine>

USA Today. Feb 1, 2013. Feds: Warming imperils wolverines. The tenacious carnivore known as the 'mountain devil' joins polar bears and other wildlife that federal officials say are endangered by climate change.

<http://www.usatoday.com/story/news/nation/2013/02/01/climate-change-wolverines-polar-bears/1882665/>

The Guardian, UK. Feb 1, 2013. US wildlife officials propose endangered status for wolverines.

<http://www.guardian.co.uk/environment/2013/feb/01/wildlife-officials-wolverines-endangered-list>

Fox News. Feb 1, 2013. Wolverines threatened by global warming, government claims.

<http://www.foxnews.com/science/2013/02/01/wolverines-threatened-by-global-warming-government-claims/>

Billings Gazette. Feb 1, 2013. Federal officials propose endangered-species protection for wolverine.

http://billingsgazette.com/news/state-and-regional/montana/federal-officials-propose-endangered-species-protection-for-wolverine/article_ce7190a2-62f5-5749-84c0-a2ed790a8260.html

Helena Independent Record. Jan 9, 2013. Habitat, climate change main issues with wolverines.

Denver Post. Nov 11, 2012. Wolverine M56 goes solo in Colorado as feds mull endangered status.

http://www.denverpost.com/environment/ci_21973904/wolverine-m56-goes-solo-colorado-feds-mull-endangered

National Geographic News Watch. July 20, 2012. New Study Suggests Wolverines Refrigerate their

Food. <http://newswatch.nationalgeographic.com/2012/07/20/wolverines-refrigerate-their-food/>

Huffington Post. July 13, 2012. Wolverines' Eating Habits Could Be Altered By Climate Change.

http://www.huffingtonpost.com/2012/07/13/wolverines-eating-habits-global-warming_n_1672074.html

Science News. July 12, 2012. Study: Wolverines Need Refrigerators.

<http://www.sciencedaily.com/releases/2012/07/120712141518.htm>

USA Today. July 11, 2012. Wolverines need 'refrigeration zone' to reproduce.

<http://content.usatoday.com/communities/sciencefair/post/2012/07/wolverines-need-natural-refrigerators-to-reproduce/1>

Science News. March 5, 2012. Rare Wolverine Photographed in Montana.

<http://www.sciencedaily.com/releases/2012/03/120305102453.htm>

Billings Gazette. Feb 20, 2012. Wolverine research moves toward management strategies.

http://billingsgazette.com/news/state-and-regional/wyoming/wolverine-research-moves-toward-management-strategies/article_172a648a-1741-5738-b755-152274404d48.html

The Globe and Mail. Dec 9, 2011. Have you seen Canada's most elusive creature?

Bozeman Chronicle. Dec 6, 2011. Scientists learn about elusive wolverines in greater Yellowstone

region. http://www.bozemandailychronicle.com/news/wildlife/article_d51702fc-1fda-11e1-863a-0019bb2963f4.html

Mongabay. Dec 5, 2011. Wolverines live up to tough reputation.

http://news.mongabay.com/2011/1204-hance_wolverines.html?ndxpg

Coloradoan. July 15, 2009. Caught on camera: First Colorado sighting in 90 years, and a first at Rocky Mountain National Park.

<http://c.moreover.com/click/here.pl?z2062519322&z=950243970>

National Geographic News Watch. June 20, 2009. Wolverine Returns to Colorado After 90 Years.

http://newswatch.nationalgeographic.com/2009/06/20/wolverine_returns_to_colorado/

- New York Times.** June 19, 2009. After 90 years, the wolverine (just one) returns to Colorado.
http://www.nytimes.com/2009/06/19/science/earth/19wolverine.html?_r=0
- Denver Post.** June 19, 2009. Young wolverine makes 500-mile trip to Colorado: Sighting makes first in state since 1919.
- Vail Daily.** June 18, 2009. Young wolverine travels to Colorado after 500 mile hike.
<http://c.moreover.com/click/here.pl?z2041731389&z=950243970>
- Denver Post.** June 18, 2009. Wolverine in Colorado the first since 1919.
- Miami Herald.** June 18, 2009. Wolverine confirmed in Colorado, the first since 1919.
<http://c.moreover.com/click/here.pl?z2041535034&z=950243970>
- Jackson Hole News and Guide.** Feb 8, 2006. Wolverine watch: Researchers go far afield to capture elusive Gulo gulo.
- Rocky Mountain News.** Nov 6, 2004. Any wolverine? It's still a mystery.
- Science News.** Sep 29, 2004. Wolverine Takes A Road Trip: Scientists Track Male Animal Over A Three-State, 550-Mile Walk-About. <http://www.sciencedaily.com/releases/2004/09/040923091717.htm>
- Billings Gazette.** Oct 4, 2004. Experts track wolverine's wanderings.
<http://www.billingsgazette.com/index.php?id=1&display=rednews/2004/10/04/build/state/45-wolverines.inc>
- The Missoulian.** Oct 4, 2004. Wolverine's epic trek astonishes biologists.
http://missoulian.com/news/state-and-regional/wolverine-s-epic-trek-astonishes-biologists/article_d0552df2-36fb-555f-ab09-b63cc14a4d09.html

MAGAZINE ARTICLES (Interviewed or about research program)

- National Wildlife Magazine.** 2013, Dec/Jan. Cold Is Key For Wolverines.
- Jackson Hole Magazine.** 2009, Winter. Wandering Wolverines.
- Audubon Magazine.** 2008, Jan/Feb. On the Edge.
- Sky West Magazine.** 2007, Jan/Feb. Couple Tracks Yellowstone's Most Elusive Resident.
- Big Sky Journal.** 2007, Winter. Twenty-four hours of wolverine. Trekking in the remote Rocky Mountain wilderness in search of the fabled predator.
- National Wildlife Magazine.** 2007. Cantankerous Carnivore: On the Trail of a Wolverine. Ongoing studies by a handful of field biologists are key to bringing back the elusive wolverine, once nearly extinct in the continental United States.
- Defenders Magazine.** 2006, Winter. Sympathy for the Devil Bear.
- Montana Quarterly Magazine.** 2005, Fall. Wolverines: Montana scientists learn about this elusive creature and whether it needs our protection.

CHILDRENS BOOKS (Interviewed, provided material, fact-checked)

- On the Trail of the Wolverine.** 2013. By Jack Latimer. Fountas and Pinnell Leveled Literacy Intervention Books. Heinemann, Portsmouth, NH, USA.
- Wolverine: Super Strong.** 2011. By Joyce Markovics. Bearport Publishing, New York, NY. USA.

REFERENCES

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Senior Conservationist, Wildlife Conservation Society
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University of Tennessee, Knoxville. Cerulean Warbler
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