

CURRICULUM VITAE

Joseph L. Ganey

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EDUCATION

- Ph.D., Zoology. 1991. Northern Arizona University, Flagstaff. Dissertation title: Developing and testing a predictive model for Mexican Spotted Owl habitat.
 M.S., Biology. 1988. Northern Arizona University, Flagstaff. Thesis title: Distribution and habitat ecology of Mexican Spotted Owls in Arizona.
 B.S., Wildlife Management. 1981. Humboldt State University, Arcata, CA.

POSITIONS HELD

- Research Wildlife Biologist. USDA Forest Service, Rocky Mountain Research Station. Flagstaff, AZ. 1990 - present.
 Adjunct Faculty. School of Forestry, Northern Arizona University. 1990 - present.
 Teaching Assistant. Dept. of Biological Sciences, Northern Arizona University. 1987 - 1988.
 Graduate Research Assistant. Dept. of Biological Sciences, Northern Arizona University. Flagstaff, AZ. 1984 - 1987.

PUBLICATIONS

- Ganey, J. L., A. Telles, and M. A. Ramsey. 2008. Status and ecology of Mexican spotted owls in the Gila Region. *In*: Natural history of the Gila, a symposium. New Mexico Journal of Botany, Special Issue 1:34-48.
 Ganey, J. L., R. H. Cassidy, and W. M. Block. 2008. Estimating canopy cover in forest stands used by Mexican spotted owls: do stand-exam routines provide estimates comparable to field-based techniques? US Forest Service Research Paper RMRS-RP-72WWW. 8pp.
 Ganey, J. L., and S.C. Vojta. 2007. Modeling snag dynamics in northern Arizona mixed-conifer and ponderosa pine forests. US Forest Service Research Paper RMRS-RP-66WWW. 14 pp.
 Ganey, J. L., and W. M. Block. 2005. Dietary overlap between sympatric Mexican spotted and great horned owls in Arizona. US Forest Service Research Paper RMRS-RP-57WWW. 9 pp.
 Ganey, J. L., and S. C. Vojta. 2005. Changes in snag populations in northern Arizona mixed-conifer and ponderosa pine forests, 1997 – 2002. *Forest Science* 51:396-405.
 Ganey, J. L., W. M. Block, B. E. Strohmeyer, and J. P. Ward, Jr. 2005. Home range, habitat use, survival, and fecundity of Mexican Spotted Owls in the Sacramento Mountains, New Mexico. *Southwestern Naturalist* 50:323-333.

- Ganey, J. L., and W. M. Block. 2005. Winter movements and range use of radiomarked Mexican Spotted Owls: An evaluation of current management recommendations. US Forest Service General Technical Report RMRS-GTR-148-WWW. 9 pp.
- Block, W. M., J. L. Ganey, P. E. Scott, and R. M. King. 2005. Prey ecology of the Mexican Spotted Owl in ponderosa pine-Gambel oak forests of northern Arizona. *Journal of Wildlife Management* 69:618-629.
- Infúñez, J. M., J. L. Ganey, P. J. Dougherty J. D. Bailey. 2005. Using cluster analysis and a classification and regression tree model to identify cover types in the sky islands of southeastern Arizona. Pp.195-200 *in*: Gottfried, G. J.; B. S. Gebow, L. G. Eskew, and C. B. Edminster, compilers. Connecting mountain islands and desert seas: biodiversity and management of the Madrean Archipelago II. Proceedings RMRS-P-36. US Forest Service, Rocky Mountain Research Station. Fort Collins, CO.
- Jenness, J. S., P. Beier, and J. L. Ganey. 2004. Associations between forest fire and Mexican Spotted Owls. *Forest Science* 50:765-772.
- Ganey, J. L. 2004. Thermal regimes of Mexican Spotted Owl nest stands. *Southwestern Naturalist* 49:478-486.
- Ganey, J. L., and S. C. Vojta. 2004. Characteristics of snags containing excavated cavities in northern Arizona mixed-conifer and ponderosa pine forests. *Forest Ecology and Management* 199:323-332.
- Ganey, J. L., G. C. White, D. C. Bowden, and A. B. Franklin. 2004. Evaluating methods for monitoring populations of Mexican Spotted Owls: a case study. Pp. 337-385 *in*: W. L. Thompson, editor. Sampling rare and elusive species: Concepts, designs, and techniques for estimating population parameters. Island Press. Washington, D.C.
- Ganey, J. L., W. M. Block, and S. H. Ackers. 2003. Structural characteristics of forest stands within home ranges of Mexican Spotted Owls in Arizona and New Mexico. *Western Journal of Applied Forestry* 18:189-198.
- Bowden, D. C., G. C. White, A. B. Franklin, and J. L. Ganey. 2003. Estimating population size with correlated sampling unit estimates. *Journal of Wildlife Management* 67:1-10.
- Ganey, J. L., and M. A. Benoit. 2002. Using Terrestrial Ecosystem Survey Data to Identify Potential Habitat for the Mexican Spotted Owl on National Forest System Lands: a Pilot Study. US Forest Service General Technical Report RMRS-GTR-86. Rocky Mountain Research Station. Ft. Collins, CO. 25 pp.
- Block, W. M., A. B. Franklin, J. P. Ward, Jr., J. L. Ganey, and G. C. White. 2001. Design and implementation of monitoring studies to evaluate the success of ecological restoration on wildlife. *Restoration Ecology* 9:293-303.
- Ganey, J. L., W. M. Block, and R. M. King. 2000. Roost sites of radio-marked Mexican Spotted Owls in Arizona and New Mexico: Sources of variability and descriptive characteristics. *Journal of Raptor Research* 34:270-278.
- Ganey, J. L., W. M. Block, J. S. Jenness, and R. A. Wilson. 1999. Home range and habitat use of Mexican Spotted Owls in pine - oak forest: Implications for forest management. *Forest Science* 45:127-135.
- Ganey, J. L. 1999. Snag density and composition of snag populations on two national forests in Arizona. *Forest Ecology and Management* 117(1-3):169-178.
- White, G. C., W. M. Block, J. L. Ganey, W. H. Moir, J. P. Ward, Jr., A. B. Franklin, S. L. Spangle, S. E. Rinkevich, J. R. Vahle, F. P. Howe, and J. L. Dick, Jr. 1999. Science versus political reality in delisting criteria for a threatened species: The Mexican Spotted

- Owl experience. Transactions North American Wildlife and Natural Resources Conference 64: 292-306.
- Ganey, J. L. 1998. The Spotted Owl. Pp. 170-174 in: R. L. Glinski, editor. The Raptors of Arizona. University of Arizona Press.
- Ganey, J. L., and C. M. Dargan. 1998. Linking avian conservation research and management on southwestern National Forests. Pp. 439-443 in: J. M. Marzluff and R. Sallabanks, editors. Avian conservation research: Research needs and effective implementation. Island Press. Washington, D. C.
- Ganey, J. L., W. M. Block, J. K. Dwyer, and B. E. Strohmeier. 1998. Dispersal movements and survival rates of juvenile Mexican Spotted Owls. *Wilson Bulletin* 110:206-217.
- Ganey, J. L., W. M. Block, J. S. Jenness, and R. A. Wilson. 1997. Comparative habitat use of sympatric Mexican Spotted and Great Horned Owls. *Journal of Wildlife Research* 2:115-123.
- Block, W. M., D. M. Finch, J. L. Ganey, and W. H. Moir. 1997. Summary. Pp. 145-150 in: W. M. Block and D. M. Finch, editors. Ecology of songbirds in southwestern ponderosa pine forests: A literature review. US Forest Service General Technical Report RM-GTR-292. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO.
- Finch, D. M., J. L. Ganey, W. Yong, R. Kimball, and R. Sallabanks. 1997. Effects and interactions of fire, logging, and grazing. Pp. 103-136 in: W. M. Block and D. M. Finch, editors. Ecology of songbirds in southwestern ponderosa pine forests: A literature review. US Forest Service General Technical Report RM-GTR-292. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO.
- Grubb, T. G., J. L. Ganey, and S. R. Masek. 1997. Canopy closure around nest sites of Mexican Spotted Owls in northcentral Arizona. *Journal of Wildlife Management* 61:336-342.
- Ganey, J. L., W. M. Block, and P. F. Boucher. 1996. Effects of fire on birds in Madrean forests and woodlands. Pp. 146-154 in: P. F. Ffolliott, L. F. DeBano, M. B. Baker, G. J. Gottfried, G. Solis-Garza, C. B. Edminster, D. G. Neary, L. S. Allen, and R. H. Hamre, technical coordinators. US Forest Service General Technical Report RM-GTR-289. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO.
- Block, W. M., F. Clemente, J. F. Cully, J. L. Dick, Jr., A. B. Franklin, J. L. Ganey, F. P. Howe, W. H. Moir, S. L. Spangle, S. E. Rinkevich, D. L. Urban, J. P. Ward, Jr., G. C. White, and R. Vahle. 1995. Recovery plan for the Mexican Spotted Owl. US Fish and Wildlife Service. Albuquerque, NM. 172 pp.
- Dick, J. L., Jr., J. L. Ganey, and W. H. Moir. 1995. Definitions of forest cover types. Pp. 52-58 in: Block et al. Recovery plan for the Mexican Spotted Owl. USDI Fish and Wildlife Service. Albuquerque, NM. 172 pp.
- Ganey, J. L., and J. L. Dick, Jr. 1995. Habitat relationships of Mexican Spotted Owls: Current knowledge. Chapter 4(1-42) in: Block et al. Recovery plan for the Mexican Spotted Owl. US Fish and Wildlife Service. Albuquerque, NM. 172 pp.
- Moir, W. H., J. L. Dick, Jr., W. M. Block, J. P. Ward, Jr., R. Vahle, F. P. Howe, and J. L. Ganey. 1995. Conceptual framework for recovery. Pp. 59-75 in: Block et al. Recovery plan for the Mexican Spotted Owl. US Fish and Wildlife Service. Albuquerque, NM. 172 pp.
- Rinkevich, S. E., J. L. Ganey, J. P. Ward, Jr., G. C. White, D. L. Urban, A. B. Franklin, W. M. Block, and F. Clemente. 1995. General biology and ecological relationships of the Mexican Spotted Owl. Pp. 19-35 in: Block et al. Recovery plan for the Mexican Spotted Owl. US Fish and Wildlife Service. Albuquerque, NM. 172 pp.

- Rinkevich, S. E., J. L. Ganey, W. H. Moir, F. P. Howe, F. Clemente, and J. F. Martinez-Montoya. 1995. Recovery units. Pp. 36-51 *in*: Block et al. Recovery plan for the Mexican Spotted Owl. US Fish and Wildlife Service. Albuquerque, NM. 172 pp.
- Ganey, J. L., and R. P. Balda. 1994. Habitat selection by Mexican Spotted Owls in northern Arizona. *Auk* 111:162-169.
- Ganey, J. L., and W. M. Block. 1994. A comparison of two methods for measuring canopy closure. *Western Journal of Applied Forestry* 9:21-23.
- Ganey, J. L. 1993. Threatened, Endangered, and Sensitive Species: The Mexican Spotted Owl. Pp. 40-48 *in*: The Multiple Use of Public Lands. Proceedings of the June 1991 Conference. Commission on the Arizona Environment.
- Ganey, J. L., R. P. Balda, and R. M. King. 1993. Metabolic rates and evaporative water loss of Mexican Spotted and Great Horned Owls in Arizona. *Wilson Bulletin* 105:645-656.
- Block, W. M., J. L. Ganey, K. E. Severson, and M. L. Morrison. 1992. Use of oaks by Neotropical migratory birds in the southwest. Pp. 65-70 *in*: Ffolliott, P. F., G. J. Gottfried, D. A. Bennett, C. Hernandez, Ortega-Rubio, A., and R.H. Hamre, technical coordinators. Ecology and management of oak and associated woodlands: perspectives in the southwestern United States and northern Mexico. US Forest Service General Technical Report RM-218. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO. Ganey, J. L. 1992. Food habits of Mexican Spotted Owls in Arizona. *Wilson Bulletin* 104:321-326.
- Ganey, J. L., R. B. Duncan, and W. M. Block. 1992. Use of oak and associated woodlands by Mexican Spotted Owls. Pp. 125-128 *in*: Ffolliott, P. F., G. J. Gottfried, D. A. Bennett, C. Hernandez, Ortega-Rubio, A., and R.H. Hamre, technical coordinators. Ecology and management of oak and associated woodlands: perspectives in the southwestern United States and northern Mexico. US Forest Service General Technical Report RM-218. Rocky Mountain Forest and Range Experiment Station. Fort Collins, CO. Ganey, J. L. 1990. Calling behavior of Mexican Spotted Owls in northern Arizona. *Condor* 92:485-490.
- Ganey, J. L., M. E. Alderson, R. P. Balda, and D. R. Patton. 1990. Developing a large-scale predictive model for Mexican Spotted Owl habitat. Pp. 182-190 *in*: P. R. Krausmann and N. S. Smith, editors. Managing Wildlife in the Southwest. The Wildlife Society, Arizona Chapter. Phoenix, AZ.
- Ganey, J. L., and R. P. Balda. 1989. Distribution and habitat use of Mexican Spotted Owls in Arizona. *Condor* 91:355-361.
- Ganey, J. L., and R. P. Balda. 1989. Home range characteristics of Spotted Owls in Arizona. *Journal of Wildlife Management* 53:1159-1165.
- Ganey, J. L., J. A. Johnson, R. P. Balda, and R. W. Skaggs. 1988. Mexican Spotted Owl. Pp. 145-150 *in*: R. L. Glinski et al., editors. Southwest raptor management symposium and workshop. National Wildlife Federation. Washington, DC.

INVITED PRESENTATIONS

- Ganey, J. L. 2006. Status and ecology of Mexican spotted owls in the Gila Region. Symposium on natural history of the Gila Region. Silver City, NM. Oct 2006.
- Ganey, J. L. 2004. Ecology of the Mexican Spotted Owl. Dead Horse Ranch State Park. Campfire seminar series. Cottonwood, AZ.
- Ganey, J. L. 2004. Ecology and recovery of the Mexican Spotted Owl. National Audubon

- Society, northern Arizona Chapter. Sedona and Flagstaff, AZ.
- Ganey, J. L. 2003. Recovering the Mexican Spotted Owl. Evening seminar series, Flagstaff Festival of Science. Flagstaff, AZ.
- Ganey, J. L. 2003. The Mexican Spotted Owl Recovery Plan: Key assumptions, recommendations, and implications for restoration of southwestern forests. Ecological seminar series. Greater Flagstaff Forests Partnership. Flagstaff, AZ.
- Ganey, J. L., and J. P. Ward, Jr. 2003. Monitoring the effects of forest thinning treatments on Mexican Spotted Owls: a research update. Upper Gila Mountains Working Group on recovering the Mexican Spotted Owl. Pinetop, AZ.
- Ganey, J. L., and W. M. Block. 2002. Winter movements and range use of Mexican Spotted Owls: Ecological implications and conservation ramifications. Rocky Mountain Research Station seminar series. Flagstaff, AZ.
- Ward, J. P., Jr., and J. L. Ganey. 2002. Cutting trees for the Mexican Spotted Owl: other reasons for thinning a 21st century forest. Rocky Mountain Research Station seminar series. Flagstaff, AZ, and seminar series: Department of Fisheries and Wildlife, New Mexico State University, Las Cruces, NM.
- Ganey, J. L., G. C. White, A. B. Franklin, J. P. Ward, and D. C. Bowden. 2001. Monitoring population trend of the Mexican Spotted Owl: Where do we go from here? Presentation to the Regional Forester, Regional Staff Directors, and Forest Supervisors, Southwestern Region, USFS. Las Cruces, NM.
- Ganey, J. L., W. M. Block, B. E. Strohmeier, and J. P. Ward, Jr. 2001. Home range, habitat use, and vital rates of Mexican Spotted Owls in two landscapes. Rocky Mountain Research Station seminar series. Flagstaff, AZ.
- Ganey, J. L., G. C. White, A. B. Franklin, and J. P. Ward, Jr. 2000. A pilot study on monitoring population trend of Mexican Spotted Owls: Preliminary results and implications for managers. USDA Forest Service, Southwestern Region Biologists and Botanists meeting. Albuquerque, NM.
- Ganey, J. L., G. C. White, A. B. Franklin, and J. P. Ward, Jr. 2000. A pilot study on monitoring population trend of Mexican Spotted Owls: Preliminary results and recommendations. Briefing to staff directors, Southwestern Region, USDA Forest Service. Albuquerque, NM.
- Ganey, J. L., G. C. White, A. B. Franklin, and J. P. Ward, Jr. Monitoring population trend of Mexican Spotted Owls: Necessary information for recovery of a Threatened Species. Symposium on the Mexican Spotted Owl. Annual meeting: The Raptor Research Foundation, Ogden, UT, 1998; and annual meeting, Upper Gila Mountains Recovery Unit Working Group, Flagstaff, AZ, 1999.
- Ganey, J. L. 1998. Ecology of the Mexican Spotted Owl: A general overview. School of Forestry Seminar Series. Northern Arizona University, Flagstaff.
- Ganey, J. L. Ecology and status of the Mexican Spotted Owl. Workshop on implementation of the Recovery Plan for the Mexican Spotted Owl. Albuquerque, NM, May 1996, Phoenix, AZ and Ogden UT, June 1996.
- Ganey, J. L. 1996. Ecology, management, and recovery of the threatened Mexican Spotted Owl. Museum of Northern Arizona. Flagstaff, AZ.
- Ganey, J. L., W. M. Block, and P. B. Boucher. 1996. Effects of fire on birds in Madrean forests and woodlands. Symposium on effects of fire on the Madrean Province ecosystems. Tucson, AZ.

- Ganey, J. L. 1993. Characteristics of forest habitats used by Mexican Spotted Owls. USDA Forest Service, Southwestern Region. Workshop on wildlife and silviculture. Albuquerque, NM.
- Ganey, J. L. 1991. Biology, management, and conservation of Mexican Spotted Owls. USDA Forest Service, Intermountain Region Seminar on non-game birds. Cedar City, UT.
- Ganey, J. L. 1991. Threatened, Endangered, and Sensitive Species: the Mexican Spotted Owl. Commission on the Arizona Environment. Workshop on management of public lands. Flagstaff, AZ.
- Ganey, J. L. 1990. Ecology of Mexican Spotted Owls and forest management in Arizona. Arizona Forest Conference. Flagstaff, AZ.
- Ganey, J. L. 1990. Mexican Spotted Owls in Arizona: ecology and management implications. National Audubon Society, Maricopa Chapter. Phoenix, AZ.
- Ganey, J. L. 1990. Habitat ecology of Mexican Spotted Owls: an evolving picture. Tri Beta Biology Honor Society. Northern Arizona University. Flagstaff, AZ.
- Ganey, J. L. 1989. Spotted Owl habitat and management of southwestern forests. Society of American Foresters, Flagstaff Chapter. Flagstaff, AZ.
- Ganey, J. L. 1989. Distribution and biology of Spotted Owls in Arizona. National Audubon Society, Sedona Chapter. Sedona, AZ.
- Ganey, J. L. 1989. Spotted Owl habitat ecology in the southwestern U.S.: implications for forest management. American Pulpwood Association, Western Technical Division. Flagstaff, AZ.
- Ganey, J. L. 1989. Habitat ecology of Mexican Spotted Owls. Prescott College Environmental Lecture Series. Prescott, AZ.
- Ganey, J. L. 1988. Habitat ecology of Mexican Spotted Owls. U.S. Forest Service Interdisciplinary Team on Mexican Spotted Owls. Albuquerque, NM.
- Ganey, J. L. 1988. Ecology of Mexican Spotted Owls in Arizona. National Audubon Society, Prescott Chapter. Prescott, AZ.
- Ganey, J. L. 1988. Status Report: Mexican Spotted Owl. Symposium and Workshop on Southwestern Raptors, Tucson, AZ.
- Ganey, J. L. 1986. Management conflicts and research direction for Mexican Spotted Owls. U.S. Forest Service, National Review Team. Flagstaff, AZ.
- Ganey, J. L. 1986. Research on habitat relationships of Mexican Spotted Owls: implications for conserving biodiversity in Arizona. Annual Governors Conservation Awards Banquet. Phoenix, AZ.

SCIENTIFIC PAPERS PRESENTED

- Ganey, J. L. 2010. Patterns of tree mortality in drought-stressed mixed-conifer and ponderosa pine forests, Arizona. Rocky Mountain Research Station All-Scientists meeting. Fort Collins, CO, and Western Forest Insect Work Conference, Flagstaff, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2010. Changes in snag populations reflect climate stress in northern Arizona mixed-conifer and ponderosa pine forests. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters. Flagstaff, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2009. Amounts and types of coarse woody debris in northern Arizona mixed-conifer and ponderosa pine forests. Annual meeting, The Wildlife Society. Monterey, CA, and 10th Biennial Conference of Research on the Colorado Plateau, Flagstaff, AZ.

- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2009. Changes in snag populations in northern Arizona mixed-conifer and ponderosa pine forests, 1997 – 2007. 10th Biennial Conference of Research on the Colorado Plateau, Flagstaff, AZ.
- Ganey, J. L., A. J. Telles, and M. A. Ramsey. 2008. Status and ecology of Mexican spotted owls in the Gila Region. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters. Prescott, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2008. Log and stump populations in northern Arizona mixed-conifer and ponderosa pine forests. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters. Prescott, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2008. Modeling snag dynamics in northern Arizona mixed-conifer and ponderosa pine forests. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters. Prescott, AZ.
- Ganey, J. L., R. H. Cassidy, W. M. Block, and D. P. Huebner. 2008. Estimating canopy cover in forest stands used by Mexican spotted owls: Do stand-exam routines provide estimates comparable to field-based techniques? Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters. Prescott, AZ.
- Ganey, J. L., W. M. Block, J. S. Jenness, B. E. Strohmeier, S. Miller, and D. P. Huebner. 2007. Dietary overlap between sympatric Mexican spotted and great horned owls in Arizona. Annual meetings, The Wildlife Society, Tucson, AZ, and The Wildlife Society, Arizona and New Mexico Chapters, Albuquerque, NM.
- Ganey, J. L., and S.C. Vojta. Characteristics of snags containing cavities in northern Arizona ponderosa pine and mixed-conifer forests. Annual meetings, American Ornithologists Union, Santa Barbara, CA, 2005, and The Wildlife Society, Arizona and New Mexico Chapters, Flagstaff, AZ, 2006.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2006. Changes in snag populations in northern Arizona mixed-conifer and ponderosa pine forests, 1997 – 2002. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters, Flagstaff, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2006. Modeling snag survival in northern Arizona mixed-conifer and ponderosa pine forests. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters, Flagstaff, AZ.
- Ganey, J. L., S.C. Vojta, and D. P. Huebner. 2006. Density of large snags in northern Arizona ponderosa pine and mixed-conifer forests. Annual meeting, The Wildlife Society, Arizona and New Mexico Chapters, Flagstaff, AZ.
- Ganey, J. L. Thermal regimes of Mexican Spotted Owl nest stands. Annual meeting, Cooper Ornithological Society, La Crosse, WI, May, 2004, and The Wildlife Society, Arizona and New Mexico Chapters, Gallup, NM, Feb, 2005.
- Ganey, J. L., W. M. Block, B. E. Strohmeier, and J. P. Ward, Jr. 2003. Home range, habitat use, and vital rates of Mexican Spotted Owls in two different environments. Annual meeting, The Wildlife Society. Burlington, VT.
- Ward, J. P., Jr., and J. L. Ganey. 2003. Forest thinning and Mexican Spotted Owls: Integrating management and research on the Lincoln National Forest. Annual meetings of The Wildlife Society, Arizona and New Mexico Chapters, Gallup, NM, and the Western Section, The Wildlife Society, Sacramento, CA, March 2003.
- Ganey, J. L., and W. M. Block. 2002. Winter movements and range use of Mexican Spotted Owls: Ecological implications and conservation ramifications. Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters, Safford, AZ.

- Benoit, M. A., and J. L. Ganey. 2001. Assessing Mexican Spotted Owl habitat using U. S. Forest Service Terrestrial Ecosystem Survey Data. Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters. Gallup, NM.
- Ganey, J. L., W. M. Block, B. E. Strohmeier, and J. P. Ward, Jr. Home range and habitat use of Mexican Spotted Owls in two landscapes in the Sacramento Mountains, New Mexico. Joint annual meeting, Wilson Ornithological Society and Association of Field Ornithologists, Galveston, TX, April 2000, and Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters, Gallup, NM, Feb. 2001.
- Ganey, J. L., and a cast of thousands. 2000. Monitoring population trend of Mexican Spotted Owls: Design and results of a pilot study. Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters. Sierra Vista, AZ.
- Ganey, J. L., G. C. White, A. B. Franklin, J. P. Ward, and W. M. Block. 1999. Monitoring population trend of the Mexican Spotted Owl: Necessary information for recovery of a Threatened species. Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters. Gallup, NM.
- Ganey, J. L., J. M. Iniguez, and A. M. Iniguez. 1999. Snag density and composition of snag populations on two National Forests in northern Arizona. Annual meeting of The Wildlife Society, Arizona and New Mexico Chapters. Gallup, NM.
- Block, W. M., A. B. Franklin, J. P. Ward, Jr., J. L. Ganey, and G. C. White. 1999. Design and implementation of monitoring studies to evaluate the success of ecological restoration on wildlife. Annual meeting, Society for Ecological Restoration. San Francisco, CA.
- White, G. C., W. M. Block, J. L. Ganey, W. H. Moir, J. P. Ward, Jr., A. B. Franklin, S. L. Spangle, S. E. Rinkevich, J. R. Vahle, F. P. Howe, and J. L. Dick, Jr. 1999. Science versus political reality in delisting criteria for a threatened species: The Mexican Spotted Owl experience. Annual North American Wildlife and Natural Resources Conference. San Francisco, CA.
- Ganey, J. L., W. M. Block, J. K. Dwyer, and B. E. Strohmeier. Dispersal movements and survival rates of juvenile Mexican Spotted Owls in Arizona. Annual meetings. The Wildlife Society, Snowmass, CO, 1997, and Arizona and New Mexico Chapters, The Wildlife Society, Sierra Vista, AZ, 1998.
- Ganey, J. L., W. M. Block, R. A. Wilson, and J. S. Jenness. 1997. Comparative habitat use of sympatric Mexican Spotted and Great Horned Owls in Arizona. Annual meeting of The Wildlife Society, Arizona and New Mexico chapters, Gallup, NM.
- Ganey, J. L., W. M. Block, R. A. Wilson, and J. S. Jenness. 1996. Home range and habitat selection of Mexican Spotted Owls in ponderosa pine - Gambel oak forest. Joint annual meeting of the American Ornithologists Union and the Raptor Research Foundation, Boise, ID.
- Ganey, J. L., W. M. Block, R. A. Wilson, and J. S. Jenness. 1995. Home-range size and overlap between Mexican Spotted and Great Horned Owls. Annual meeting, The Wildlife Society. Portland, OR.
- Ganey, J. L. 1994. Nesting habitat of Mexican Spotted Owls in Arizona and New Mexico. Joint meeting of the American Ornithologists Union, Cooper Ornithological Society, and Wilson Ornithological Society. Missoula, MT.
- Grubb, T. G., J. L. Ganey, and S. A. Masek. 1994. An assessment of canopy cover at nest sites of the Mexican Spotted Owl. Annual meeting, The Wildlife Society. Albuquerque, NM.
- Ganey, J. L., and W. M. Block. 1993. Winter habitat of Mexican Spotted Owls. Annual Meeting,

- Arizona and New Mexico Chapters, The Wildlife Society. Farmington, NM.
- Ganey, J. L., M. E. Alderson, R. P. Balda, and D. R. Patton. 1993. Developing and testing a GIS-based model for Mexican Spotted Owl habitat. Annual Meeting, Society for Conservation Biology, Tempe, AZ.
- Ganey, J. L., M. E. Alderson, R. P. Balda, and D. R. Patton. 1992. Preliminary tests of a predictive model for Mexican Spotted Owl habitat. Annual Meeting, Arizona and New Mexico Chapters, The Wildlife Society. Thatcher, AZ.
- Block, W. M., J. L. Ganey, K. E. Severson, and D. M. Finch. 1992. Habitat and resource use by Neotropical migratory birds in southeastern Arizona. Annual Meeting, Arizona and New Mexico Chapters, The Wildlife Society. Thatcher, AZ.
- Ganey, J. L., and R. P. Balda. Habitat selection by Mexican Spotted Owls in northern Arizona. Annual meetings, Arizona and New Mexico Chapters, The Wildlife Society, Silver City, NM, 1990, American Ornithologists Union, Montreal, Canada, 1991, and Raptor Research Foundation, Seattle, WA, 1992.
- Ganey, J. L., M. E. Alderson, R. P. Balda, and D. R. Patton. 1990. Developing a broad-scale predictive model for Mexican Spotted Owl habitat. Symposium, Managing Wildlife in the Southwest. Tucson, AZ.
- Ganey, J. L., and R. P. Balda. 1989. Home-range characteristics of Mexican Spotted Owls in northern Arizona. Annual meetings, Cooper Ornithological Society, Moscow, ID, June 1989, and the Raptor Research Foundation, Minneapolis, MN, Oct 1989.
- Ganey, J. L., and R. P. Balda. 1988. Distribution and habitat use of Mexican Spotted Owls in Arizona. Annual meetings, Arizona and New Mexico Chapters, The Wildlife Society, Thatcher, AZ, Feb. 1988, the Cooper Ornithological Society, Pacific Grove, CA, March 1988, and the Southwest Association of Biologists, Nov 1987.
- Ganey, J. L. 1985. Distribution of Mexican Spotted Owls in Arizona. Annual Meeting, the Raptor Research Foundation. Sacramento, CA.

SPECIAL ASSIGNMENTS

- Team Leader, Research team on species and habitats at risk. Appointed by the Program Manager, Wildlife and Terrestrial Ecosystems Research Program, Rocky Mountain Research Station. 2007 – present.
- Lead USFS Scientist. Developing and evaluating methodology to monitor population trend for the Mexican Spotted Owl. Appointed by the Director, Rocky Mountain Research Station. 1998 - present.
- Web-page coordinator, Terrestrial Ecosystems Project, Rocky Mountain Research Station, Flagstaff. Appointed by the Project Leader to develop a web site describing the mission, mission, goals, accomplishments, and personnel of the Terrestrial Ecosystems Project. 1996-1999.
- Member, Mexican Spotted Owl Recovery Team. Appointed by the Regional Director, U. S. Fish and Wildlife Service. 1993-present.
- Member, U.S. Forest Service Interdisciplinary Team on Mexican Spotted Owls. Appointed by the Regional Forester, U. S. Forest Service. 1988-91.

GRANTS RECEIVED

- Effects of restoration treatments on small mammal communities in pinyon-juniper woodlands. (Kaibab National Forest, 2009, \$30,000.)

- A survey of small mammal communities in Garland and Government Prairies. (Kaibab National Forest, 2008, \$12,000.)
- Demography of Mexican spotted owls in the Sacramento Mountains, New Mexico. (U. S. Forest Service, 2006 – 2010, \$1,670,000.)
- Monitoring effects of fuels-reduction treatments on Mexican Spotted Owl demographic parameters. (US Forest Service, 2002-2005, \$1,640,000.)
- Designing and evaluating methodology for monitoring population trend of the Mexican Spotted Owl in Arizona and New Mexico. (US Forest Service, 1998-2001. \$1,273,000.)
- Effects of wildfires on occupancy rates of Mexican Spotted Owl territories. (US Forest Service, 1996-1997. \$110,000.)
- Juvenile dispersal of Mexican Spotted Owls in Arizona. (US Forest Service, 1995-1996. \$90,000.)
- Home range and habitat selection of Mexican Spotted Owls in Arizona and New Mexico. (US Forest Service, 1992-1995. \$400,000.)
- Developing and testing a predictive model for potential Spotted Owl habitat in northern Arizona. (US Forest Service and Arizona Game and Fish Department, 1989. \$15,745.)
- Thermal physiology of Mexican Spotted and Great Horned Owls. (Arizona Game and Fish Department and USDA Forest Service, 1988. \$9,800.)
- Ecology of Mexican Spotted Owls in Arizona. (US Forest Service, 1986. \$36,160.)
- Distribution and habitat use of Mexican Spotted Owls in Arizona. (US Forest Service, 1985. \$3,000.)
- Ecology of Mexican Spotted Owls in Arizona. (Arizona Game and Fish Department, 1985. \$3,000.)
- Mexican Spotted Owls in Arizona: Pilot study. (US Forest Service, 1984. \$1,200.)

AWARDS

- Extra Effort Award for “Continuing to implement critically important research to understand effects of fuels reduction on the Mexican spotted owl in the Sacramento Mountains, New Mexico.” Rocky Mountain Research Station. 2009.
- Awards for “Excellent Service as an Associate Editor for the Journal of Wildlife Management”. 2006, 2007, and 2008.
- Certificate of Merit “For assuming leadership of the Species/Habitats at Risk Research Team in the Wildlife and Terrestrial Ecosystems Program.” Rocky Mountain Research Station. 2007.
- Certificate of Merit for “Excellence in science and technology transfer and application with regards to designing fuels reduction treatments in conjunction with a spotted owl study on the Lincoln National Forest”. Rocky Mountain Research Station. 2006.
- Certificate of Merit for “Continued service to the Mexican spotted owl recovery team”. Rocky Mountain Research Station. 2005.
- Certificate of Merit for “Sustained superior efforts in coordinating with the Lincoln National Forest and Sacramento District to design a model field experiment to understand the effects of fuels treatments on Spotted Owls and their prey”. Rocky Mountain Research Station. 2003.
- Certificate of Appreciation for “Outstanding contributions to the success of the 8th Annual Conference.” The Wildlife Society. 2001.
- Elected as an Elective Member of the American Ornithologists Union, in recognition of

- contributions to ornithology. 2000.
- Conservation Service Award. Presented to members of the Mexican Spotted Owl Recovery Team by the Secretary of Interior, for “extraordinary service in the conservation of America’s wildlife resources, 1999. **This is the highest award given by the Department of Interior to persons not employed by the Department.**
- Certificate of Merit for “Sustained superior performance in conceiving, conducting, and completing important research on the Mexican Spotted Owl.” Rocky Mtn. Res. Stn. 1998.
- Letter of Recognition for “Outstanding efforts as a member of the Mexican Spotted Owl Recovery Team.” USDI Fish and Wildlife Service, Southwestern Region. 1998.
- Certificate of Merit for "Coordinating, designing, and assembling a first-class web page describing the mission, goals, accomplishments, and personnel of Research Work Unit RM-4251." Rocky Mountain Forest and Range Experiment Station. 1998.
- Wildlife Habitat Relationships Award. "Presented for outstanding contributions to Arizona's wildlife habitat resources." The Wildlife Society, Arizona Chapter. 1996.
- Certificate of Merit for "Excellence in Spotted Owl Research". Rocky Mountain Forest and Range Experiment Station. 1991.
- Roger Hungerford Award for "Outstanding student in the field of Wildlife Management in Arizona". The Wildlife Society, Arizona Chapter. 1990.
- Special Achievement Award for "Exceptional service in monitoring Spotted Owl populations and developing management plans for Spotted Owl habitat". Coconino National Forest. 1989.
- Certificate of Appreciation for "Assistance with habitat management for Mexican Spotted Owls". Coconino National Forest. 1988.
- Best Student Paper award. The Wildlife Society, Arizona-New Mexico Chapter Meeting. 1988.
- National Wildlife Federation Conservation Fellowship. 1986.
- Bill Morrall Conservation Scholarship, Northern Arizona University. 1985.
- Arizona Wildlife Foundation Conservation Fellowship. 1985.

PROFESSIONAL AFFILIATIONS

American Ornithologists Union
 Society for Conservation Biology
 The Nature Conservancy
 The Wildlife Society

SERVICE IN PROFESSIONAL SOCIETIES

- Annual meeting, Arizona and New Mexico chapters of The Wildlife Society and Arizona-New Mexico chapter of the American Fisheries Society. Flagstaff, AZ. 2010. Served on the scientific program committee. This committee compiled and reviewed abstracts and organized the scientific program.
- Annual meeting, Arizona and New Mexico chapters of The Wildlife Society and Arizona-New Mexico chapter of the American Fisheries Society. Flagstaff, AZ. 2010. Served as an evaluator for student papers.
- Annual meeting, The Wildlife Society. Tucson, AZ. 2007. Student Paper Evaluator.
- Annual meeting, The Wildlife Society. Tucson, AZ. 2007. Served on the scientific program committee. This committee compiled and reviewed abstracts and organized the scientific

program.

Associate Editor, *Journal of Wildlife Management* (published by The Wildlife Society). 2006 – present.

Annual meeting, The Wildlife Society, 2001. Served on a committee evaluating proposals for symposia. This committee evaluated and rated all proposals, and presented a recommendation to the organizing committee as to which symposia to include.

Student Paper Evaluator. Annual meeting, Arizona and New Mexico Chapters of The Wildlife Society. 1999 and 2001.

Organizer, Symposium on the Mexican Spotted Owl. Annual meeting, Raptor Research Foundation. 1994.

Organizer, Field trip to view and discuss habitat management for Mexican Spotted Owls and Northern Goshawks. Annual meeting, Raptor Research Foundation. 1994.

Member, Scientific Program Committee, Annual Meeting, Cooper Ornithological Society. 1993.

Corresponding Secretary. The Wildlife Society, Arizona Chapter. 1992.

Member, Organizing Committee. Summer meeting, The Wildlife Society, Arizona Chapter. 1992.

PUBLISHED BOOK REVIEWS

Demography of the Northern Spotted Owl, by E. D. Forsman, S. DeStefano, M. G. Raphael, and R. J. Gutiérrez. 1996. *J. Raptor Res.*, 1997.