

CURRICULUM VITAE

John William Connelly

HOME ADDRESS

83 W 215 N
Blackfoot, ID 83221
208/785-3603

e-mail: JCsagegrouse@aol.com

BUSINESS ADDRESS

Idaho Department of Fish and Game
Department of Biological Sciences
Idaho State University
Pocatello, ID 83209

208/282-5542

EDUCATION

Washington State University, Pullman, WA Ph.D. Zoology 1981

Washington State University, Pullman, WA M.S. Wildlife 1977

University of Idaho, Moscow, ID B.S. Wildlife 1974

Paul Smiths College, Paul Smiths, NY A.S. Forestry 1972

CERTIFICATION

Certified Wildlife Biologist

EMPLOYMENT

Date

Position

July 2004-present

Principal Wildlife Research Biologist
Idaho Department Fish and Game

March 2003-July 2004

Chief Scientist
Western Association of Fish and Wildlife Agencies
Sage-grouse Conservation Assessment Project

December 1985-February 2003

Principal Wildlife Research Biologist
Idaho Department Fish and Game

August 1984-December 1985 Regional Wildlife Biologist
Idaho Department Fish and Game

August 1982-August 1984 Scientist (Wildlife Biologist)
Earth and Life Sciences

October 1980-August 1982 Biological Technician
U.S. Fish and Wildlife Service

PUBLICATIONS

Peer-reviewed

Connelly, J. W., Jr. 1978. Trends in blue-winged and cinnamon teal populations in eastern Washington. *Murrelet* 59:2-6.

Connelly, J. W., W. J. Arthur, and O. D. Markham. 1981. Sage grouse leks on recently disturbed sites. *Journal of Range Management* 34:153-154.

Connelly, J. W., and R. J. Gates. 1981. First record of a black-legged kittiwake in Idaho. *Condor* 83:272-273.

Connelly, J. W., and O. D. Markham. 1983. Movements and radionuclide concentrations of sage grouse in southeastern Idaho. *Journal of Wildlife Management* 47:169-177.

Connelly, J. W., and I. J. Ball. 1984. Comparisons of aspects of breeding blue-winged and cinnamon teal in eastern Washington. *Wilson Bulletin* 96:626-633.

Browsers, H. W., and **J. W. Connelly.** 1986. Capturing sage grouse with mist nets. *Prairie Naturalist* 18:185-188.

Reynolds, T. D., **J. W. Connelly,** D. K. Halford, and W. J. Arthur. 1986. Vertebrate fauna of the Idaho National Environmental Research Park. *Great Basin Naturalist* 46:513-527.

Connelly, J. W., H. W. Browsers, and R. J. Gates. 1988. Seasonal movements of sage grouse in southeastern Idaho. *Journal of Wildlife Management* 52:116-122.

- Craig, T. H., **J. W. Connelly**, E. H. Craig, and T. L. Parker. 1990. Lead concentrations in golden and bald eagles in Idaho. *Wilson Bulletin* 102:130-133.
- Connelly, J. W.**, W. L. Wakkinen, A. D. Apa, and K. P. Reese. 1991. Sage grouse use of nest sites in southeastern Idaho. *Journal of Wildlife Management* 56:381-383.
- Meints, D. R., **J. W. Connelly**, K. P. Reese, A. R. Sands, and T. P. Hemker. 1992. Habitat suitability index procedure for Columbian sharp-tailed grouse. Idaho Forestry, Wildlife and Range Experiment Station Bulletin Number 55. University of Idaho, Moscow. 27pp.
- Wakkinen, W. L., K. P. Reese, and **J. W. Connelly**. 1992. Sage grouse nest locations in relation to leks. *Journal of Wildlife Management* 56:381-383.
- Wakkinen, W. L., K. P. Reese, **J. W. Connelly**, and R. A. Fisher. 1992. An improved spotlighting technique for capturing sage grouse. *Wildlife Society Bulletin* 20:425-426.
- Musil, D. D., **J. W. Connelly**, and K. P. Reese. 1993. Dispersal, survival and reproduction of sage grouse translocated into central Idaho. *Journal of Wildlife Management* 57:85-91.
- Connelly, J. W.** 1993. Trends in the editorial process for publications of The Wildlife Society. *Wildlife Society Bulletin* 21:194-199.
- Connelly, J. W.**, R. A. Fischer, A. D. Apa, K. P. Reese, and W. L. Wakkinen. 1993. Renesting by sage grouse in southeastern Idaho. *Condor* 95:1041-1043.
- Fischer, R. A., A. D. Apa, W. L. Wakkinen, K. P. Reese, and **J. W. Connelly**. 1993. Nesting-area fidelity of sage grouse in southeastern Idaho. *Condor* 95:1038-1041.
- Giesen, K. M., and **J. W. Connelly**. 1993. Guidelines for management of Columbian sharp-tailed grouse habitats. *Wildlife Society Bulletin* 21:325-333.
- Church, K. E., **J. W. Connelly**, and J. W. Enck. 1994. The role of non-governmental organizations in gamebird conservation. *Transactions of the North American Wildlife and Natural Resource Conference* 59:488-493.
- Musil, D. D., K. P. Reese, and **J. W. Connelly**. 1994. Nesting and summer habitat use by sage grouse translocated to central Idaho. *Great Basin Naturalist* 54:228-233.
- Fischer, R. A., K. P. Reese, and **J. W. Connelly**. 1996. An investigation on fire effects within xeric sage grouse brood habitat. *Journal of Range Management* 49:194-198.

- Fischer, R. A., K. P. Reese, and **J. W. Connelly**. 1996. Influence of vegetal moisture content and nest fate on timing of female sage grouse migration. *Condor* 98:868-872.
- Fischer, R. A., K. P. Reese, and **J. W. Connelly**. 1997. Effects of prescribed fire on movements of female sage grouse from breeding to summer ranges. *Wilson Bulletin* 109:82-91.
- Connelly, J. W.**, and C. E. Braun. 1997. A review of long- term changes in sage grouse populations in western North America. *Wildlife Biology* 3:123-128.
- Reese, K. P., and **J. W. Connelly**. 1997. Translocations of sage grouse in North America. *Wildlife Biology* 3:87-93.
- Connelly, J. W.**, M. W. Gratson, and K. P. Reese. 1998. Sharp-tailed grouse (*Tympanuchus phasianellus*). In *The Birds of North America*, No. 354 (A. Poole and F. Gill eds.). The Birds of North America, Inc., Philadelphia, PA.
- Edelmann, F. B., M. J. Ulliman, M. J. Wisdom, K. P. Reese, and **J. W. Connelly**. 1998. Assessing habitat quality using population fitness parameters: a remote sensing/GIS based habitat explicit model for sage grouse. Idaho Forestry, Wildlife, and Range Experiment Station Technical Report Number 25. University of Idaho, Moscow. 33 pages.
- Connelly, J. W.**, K. P. Reese, R. A. Fischer, and W. L. Wakkinen. 2000. Response of a sage grouse breeding population to fire in southeastern Idaho. *Wildlife Society Bulletin* 28:90-96.
- Connelly, J. W.**, A. D. Apa, R. B. Smith, and K. P. Reese. 2000. Effects of predation and hunting on adult sage grouse *Centrocercus urophasianus* in Idaho. *Wildlife Biology* 6:227-232.
- Connelly, J. W.**, M. A. Schroeder, A. R. Sands, and C. E. Braun. 2000. Guidelines to manage sage grouse populations and their habitats. *Wildlife Society Bulletin* 28:967-985.
- Leonard, K. M., K. P. Reese, and **J. W. Connelly**. 2000. Distribution, movements, and habitats of sage grouse *Centrocercus urophasianus* on the Upper Snake River Plain of Idaho: changes from the 1950's to the 1990's. *Wildlife Biology* 6:265-270.
- Nelle, P. J., K. P. Reese, and **J. W. Connelly**. 2000. Long- term effects of fire on sage grouse nesting and brood-rearing habitats in southeast Idaho. *Journal of Range Management* 53:586-591.
- Burkepile, N. J., **J. W. Connelly**, D. W. Stanley, and K. P. Reese. 2002. Attaching radio

- transmitters to day-old sage grouse chicks. *Wildlife Society Bulletin* 30: 93-96.
- Gazda, R. J., R. R. Meidinger, I. J. Ball, and **J. W. Connelly**. 2002. Relationships between Russian olive and duck nest success in southeastern Idaho. *Wildlife Society Bulletin* 30: 337-344.
- Wambolt, C. L., A. J. Harp, B. L. Welch, N. Shaw, **J. W. Connelly**, K. P. Reese, C. E. Braun, D. A. Klebenow, E. D. McArther, J. G. Thompson, L. A. Torell, and J. A. Tanaka. 2002. Conservation of greater sage-grouse on public lands in the western U.S.: implications of recovery and management policies. Policy Analysis Center for Western Public Lands. Policy Paper SG-02-02. Caldwell, ID.
- Connelly, J. W.**, K. P. Reese, E. O. Garton, and M. L. Commons-Kemner. 2003. Response of greater sage grouse *Centrocercus urophasianus* to different levels of exploitation in Idaho, USA. *Wildlife Biology* 9:335-340.
- Pederson, E. K., **J. W. Connelly**, J. Hendrickson, and W. E. Grant. 2003. Effect of sheep grazing and fire on sage grouse populations in southeastern Idaho. *Ecological Modeling* 165:23-47.
- Connelly, J. W.**, K. P. Reese, and M. A. Schroeder. 2003. Monitoring of greater sage-grouse habitats and populations. University of Idaho College of natural Resources Experiment Station Bulletin 80. Moscow, ID.
- Schroeder, M. A., C. L. Aldridge, A. D. Apa, J. R. Bohne, C. E. Braun, S. D. Bunnell, **J. W. Connelly**, P. A. Deibert, S. C. Gardner, M. A. Hilliard, G. D. Kobriger, S. M. McAdam, C. W. McCarthy, J. J. McCarthy, D. L. Mitchell, E. V. Rickerson, and S. J. Stiver. 2004. Distribution of sage-grouse in North America. *Condor* 106:363-376.
- Connelly, J. W.**, S. T. Knick, M. A. Schroeder, and S. J. Stiver. 2004. Conservation assessment of greater sage-grouse and sagebrush habitats. Western Association of Fish and Wildlife Agencies, Cheyenne, WY.
- Connelly, J. W.**, J. Gammonley, and J. M. Peek. 2005. Harvest management. Pages 658-690 in C. E. Braun, editor, *Techniques for Wildlife Investigation and Management*. Sixth edition. The Wildlife Society, Bethesda, M.D.
- Reese, K. P., **J. W. Connelly**, E. O. Garton, and M. L. Commons-Kemner. 2005. Exploitation and greater sage-grouse *Centrocercus urophasianus*: a response to Seding and Rotella. *Wildlife Biology* 11:377-381.
- Beck, J. L., K. P. Reese, **J. W. Connelly**, and M. B. Lucia. 2006. Movements and survival of juvenile greater sage-grouse in southeastern Idaho. *Wildlife Society Bulletin* 34:1070-1078.

SCHROEDER, M. A., **J. W. CONNELLY**, C. L. WAMBOLT, C. E. BRAUN, C. A. HAGEN, and M. R. FRISINA. 2006. Society for Range Management issue paper: Ecology and management of sage-grouse—a reply. *Rangelands* 28:3-7.

Connelly, J. W., C. E. Braun, M. A. Schroeder, and C. A. Hagen. 2007. Setting the record straight: a response to “Sage-grouse at the crossroads”. *Rangelands* 29:35-39.

Connelly, J. W. and M. A. Schroeder. 2007. Historical and current approaches to monitoring greater sage-grouse. Pages 3-9 in K. P. Reese and R. T. Bowyer, editors, *Monitoring populations of greater sage-grouse*. University of Idaho, College of Natural Resources Experiment Station Bulletin 88. Moscow, ID.

Garton, E. O., D. D. Musil, K. P. Reese, **J. W. Connelly**, and C. L. Anderson. 2007. Sentinel lek routes: an integrated sampling approach to estimate greater sage-grouse population characteristics. Pages 31-42 in K. P. Reese and R. T. Bowyer, editors, *Monitoring populations of greater sage-grouse*. University of Idaho, College of Natural Resources Experiment Station Bulletin 88. Moscow, ID.

Hagen, C. A., **J. W. Connelly**, and M. A. Schroeder. 2007. A meta-analysis of sage-grouse *Centrocercus urophasianus* nesting and brood rearing habitats. *Wildlife Biology*. 13 (Supplement 1):42-50.

Aldridge, C. L., S. E. Nielson, H. L. Beyer, M. S. Boyce, **J. W. Connelly**, S. T. Knick, and M. A. Schroeder. 2008. Range-wide patterns of greater sage-grouse persistence. *Diversity and Distributions* 14:983-994.

Beck, J. L., **J. W. Connelly**, K. P. Reese. 2008. Recovery of greater sage-grouse habitat features in xeric sagebrush communities following prescribed fire. *Restoration Ecology*: in press.

Coates, P. S., **J. W. Connelly**, D. J. Delehanty. 2008. Predators of greater sage-grouse nests identified by video monitoring. *Journal of Field Ornithology* 79:421-428.

D. D. Musil and **J. W. Connelly**. 2009. Survival and reproduction of pen-reared vs translocated wild pheasants *Phasianus colchicus*. *Wildlife Biology* 15:80-88.

Flake, L. D., **J. W. Connelly**, T.R. Kirschenmann, and A.J. Lindbloom. 2009. The grouse of South Dakota. South Dakota Department of Game, Fish and Parks, Pierre. In press.

Other

Howard, R. P., B. L. Keller, F. L. Rose, **J. Connelly, Jr.**, and J. Hupp. 1985. Impacts of the Tincup Loop transmission line on cranes in Caribou County Idaho. Pages 140-144 in *Proceedings, 1984 Crane Workshop*.

- Connelly, J. W.** 1988. Sage-grouse and fire: a complex issue for resource management. *Idaho Wildlife* 8(5):20-21.
- Connelly, J. W.** 1989. Book review: Adaptive Strategies and Population ecology of northern grouse. *Journal of Wildlife Management* 53:857-858.
- Connelly, J. W.,** and L. M. Doughty. 1990. Sage-grouse use of water developments in southeastern Idaho. Pages 167-173 *in* G. K. Tsukomoto and S. J. Stiver, editors. *Wildlife water development*. Nevada Department of Fish and Game, Reno.
- Connelly, J. W.,** and L. J. Blus. 1991. Effects of pesticides on upland game: a review of herbicides and organophosphate and carbamate insecticides. Pages 92-97 *in* M. Marsh, editor. *Proceedings of the conference: pesticides in natural systems - how can their effects be monitored?* U. S. Environmental Protection Agency, Region 10. Seattle WA.
- Blus, L. J., and **J. W. Connelly.** 1998. Radiotelemetry to determine exposure and effects of organophosphorus insecticides on sage grouse. Pages 21-29 *in* L. W. Brewer and K. A. Fagerstone (eds.) *Radiotelemetry applications for wildlife toxicology field studies*. Society for Environmental Toxicology and Chemistry.
- Connelly, J. W.** 2001. Sagebrush on fire: fighting dogma to save an ecosystem. *Sage Notes*. Spring Issue.
- Braun, C. E., **J. W. Connelly,** and M. A. Schroeder. 2002. Seasonal habitat requirements of sage grouse: spring, summer, fall and winter. *In*: Monsen, Stephen B.; Shaw, Nancy L.; Pellant, Mike, comps. *Sage grouse habitat restoration symposium; 2001 July 4-7; Boise, ID. Proceedings RMRS-P-00*. Odgen, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.
- Gutierrez, R. and **J. W. Connelly.** 2003. Sage-grouse listing petitions. *Grouse News* 25:10-12.
- Connelly, J. W.** and S. J. Stiver. 2004. Greater sage-grouse conservation part II: a history lesson and roadmap to the future. *Grouse Partnership News* 5:8-11.
- Connelly, J.** 2005. Challenging dogma – changing paradigms: sage-grouse harvest management in the United States. *Grouse News* 29:7-11.
- Connelly, J. W.** and C. E. Braun. 2007. Measuring success of sage-grouse conservation plans. *Grouse News* 33:4-6.

Thesis and Dissertation

Connelly, J. W., Jr. 1977. A comparative study of blue-winged and cinnamon teal breeding in eastern Washington. M. S. Thesis, Washington State University, Pullman. 40pp.

Connelly, J. W., Jr. 1982. An ecological study of sage grouse in southeastern Idaho. Ph.D. Dissertation, Washington State University, Pullman. 84pp.

ACTIVITIES IN THE WILDLIFE SOCIETY

Past-President, Northwest Section, 2001-2003

President, Northwest Section, 1999-2001

President-elect, Northwest Section 1998-99

President, Idaho Chapter, 1988-92

Publications Committee, 1984-86, 1995-96

Publications Award Committee, 1992-93

Symposia Committee, 1991-1992

Einarson Award Committee, 1989-93

Chair, Einarson Award Committee 1990-91

Northwest Section Nominations Committee 1989-92

Chair, Nominations Committee 1989-1991

Working Group on Sustainable Use of Ecosystem Resources, 1993-1998

Vice-Chair, Working Group on Sustainable Use of Ecosystem Resources, 1993-94

Reviewer, Journal of Wildlife Management, 1982-present

Reviewer, Wildlife Society Bulletin, 1982-present

Chairman and principal organizer, Symposium on sage grouse at the 2001 meeting of The Wildlife Society, Reno, NV

OTHER PROFESSIONAL ACTIVITIES

Chairman, Lyimine-Richwine Chapter, Society for Range Management, 1989.

State representative to the Western Sage and Columbian Sharp-tailed Grouse Workshop, 1985-present.

Chairman, Western Sage and Columbian Sharp-tailed Grouse Workshop, 1989-91 and 2008-2010.

State Representative, National Sage Grouse Framework Team, 2000-2004.

Environmental Protection Agency's Pesticides Advisory Monitoring Panel, 1990-96.

State representative, Prairie Grouse Technical Council, 1990-present.

U.S. representative, IUCN Grouse Specialist Group, 1996-present.

Reviewer: *Journal of Range Management, Northwest Science, Southwest Naturalist, Journal of Field Ornithology, Auk, Wilson Bulletin, Western North American Naturalist, Biological Conservation, Birds of North America species accounts, Wildlife Biology.*

Upland Game Bird Planning Team, Bureau of Land Management, Fish and Wildlife 2000, 1991-1992.

Consultant: *Oregon Department Fish and Wildlife, Utah Division of Wildlife, U.S. Forest Service, Deseret Land and Livestock, U.S. Bureau of Land Management, Policy Center for Western Public Lands.*

Chairman and principal organizer, Workshop on sage grouse populations, January 2002, Tucson, AZ.

Scientific Committee, 9th International Grouse Symposium, Beijing, China

Scientific Committee, 10th International Grouse Symposium, Luchon, France

Associate Editor, *Wildlife Biology (current)*

Member, National Wind Coordinating Committee, Grassland Species Group (*current*)

Recent Invited Lectures

The Evolution of Game Bird Management in the 20th Century. University of Idaho, Moscow. 2000.

Sage grouse ecology. South Dakota State University. Brookings. 2000.

Sage grouse and fire. South Dakota State University, Brookings. 2001.

Dogma and its role in management of upland game, University of Alaska, Fairbanks. 2002.

Sage grouse and the Endangered Species Act: politics and pollution in resource management. University of Alaska, Fairbanks. 2002.

Prairie Grouse and elevated structures. National Wind Coordinating Committee. 2004.

Challenging dogma, changing paradigms: game bird harvest management in the U.S. University of Idaho. 2006.

Voodoo science and the conservation of greater sage-grouse. Idaho State University. 2007.

Greater Sage-Grouse Conservation. Idaho State Senate Natural Resources Committee.
2008.

AWARDS

1987 - Idaho Department of Fish and Game, Region 5 Merit Award.
1992 - Idaho Chapter, The Wildlife Society, Wildlife Professional of the Year Award.
1992 - Idaho Department of Fish and Game, Outstanding Technical/Professional
Employee Award.
1993 - Idaho Chapter, The Wildlife Society, Ted Trueblood Communication Award.
1995 - USFS Technology Transfer and Research Award.
1998 - Idaho Chapter, The Wildlife Society, Ted Trueblood Communication Award.
2000 - Idaho Department of Fish and Game, Region 5 Special Recognition Award.
2001 - Idaho Department of Fish and Game, Outstanding Achievement in Research
Award.
2004 - Idaho Department of Fish and Game, Department Special Recognition Award
2005 – Western Association of Fish and Wildlife Agencies Special Recognition Award
2005 - Idaho Department of Fish and Game, Department Image Enhancement Award
2005 – Western Association of Fish and Wildlife Agencies Special Contribution Award
2006—Idaho Chapter, The Wildlife Society, Special Recognition Award
2006—Northwest Section, The Wildlife Society, Einarson Award
2007—Fellow, The Wildlife Society
2008—Honor Alumni Award, College of Natural Resources, University of Idaho

PERSONAL INFORMATION

Married, 2 children
Health: Excellent
U.S. citizen