

Introduction

37 FR 2877 - recreation

65 FR 51578 - intro

72 FR 35718 – invasives

72 FR 57065 - invasives

75 FR 13910 – U.S. Fish and Wildlife Service. 2010. 201050 CFR Part 17 Endangered and Threatened Wildlife and Plants; 12 Month Findings for Petitions to List the Greater Sage-Grouse (*Centrocercus urophasianus*) as Threatened or Endangered; Proposed Rule. 106pp.

78 FR 64358 - intro

80 FR 22828 - intro

43 CFR 8341 – recreation

USC 670a-670f – Sikes Act

30 USC 22-54 - The General Mining Law of 1872, as amended (30 USC 22-54 and 43 CFR 3809)

Public Law 92-195 – Wild Horse and Burro Act of 1971

Abatzoglou, J.T. 2011. Influence of the PNA on declining mountain snowpack in the Western United States. *International Journal of Climatology* 31(8): 1135-1142.

Abatzoglou, J. T., and C. A. Kolden. 2011. Climate change in western U.S. deserts: potential for increased wildfire and invasive annual grasses. *Rangeland Ecology and Management* 64:471–478.

Abatzoglou, J.T., D.E. Rupp, and P.W. Mote. 2014. Seasonal climate variability and change in the Pacific Northwest of the United States. *Journal of Climate* 27(5): 2125-2142.

Abrams, P.A. 1993. Why predation rate should not be proportional to predator density. *Ecology* :726-733.

Adams, D.J. and T.M. Pickett. 1998. Microbial and cell-free selenium bioremediation in mining waters. In: *Environmental Chemistry of Selenium*, W.T. Frankenberger, Jr. and R.A. Engberg, eds. Marcel Dekker, Inc. New York, NY, pp. 479–499.

Advanced Resources International. 2006. Basin oriented strategies for CO₂ enhanced oilrecovery: Williston Basin. Report prepared for the Department of Energy Office of Fossil Energy – Office of Oil and Natural Gas. February. 96 pp.

Albers, P.H. 1978. The effects of petroleum on different stages of incubation in bird eggs. *Bulletin of Environmental Contamination and Toxicology* 19:624–630.

Alberta Environment and Sustainable Resource Development. 2013. Alberta greater sage-grouse recovery plan 2013-2018. Alberta Species at Risk Recovery Plan No. 30. Edmonton, AB. 46 pp.

Alberta Environment and Sustainable Resource Development, Fish and Wildlife Division. 2013. Response to USFWS data call.

Comment [DP1]: Cited in disease chapter

Alberta Environment and Sustainable Resource Development. 2014. Translocation of greater sage-grouse from Montana to Alberta: 2011-2013 Progress Report. Alberta Species at Risk Report No. Edmonton, AB. 20 pp.

Aldridge, C.L. 1998. Status of the sage-grouse (*Centrocercus urophasianus urophasianus*) in Alberta. Alberta Environmental Protection, Wildlife Management Division, and Alberta Conservation Association, Wildlife Status Report No. 13, Edmonton, AB. 23 pp.

Aldridge, C.L. and M.S. Boyce. 2007. Linking occurrence and fitness to persistence: habitat-based approach for endangered greater sage-grouse. *Ecological Applications* 17(2):508-526.

Aldridge, C.L., and R.M. Brigham. 2001. Nesting and reproductive activities of greater sage-grouse in a declining northern fringe population. *Condor* 103(3):537-543.

Aldridge, C.L. and R.M. Brigham. 2003. Distribution, abundance, and status of the greater sage-grouse, *Centrocercus urophasianus*, in Canada. *Canadian Field-Naturalist* 117: 25-34.

Aldridge, C.L., S.E. Nielsen, 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.

Allen, D.L. 1962. Our wildlife legacy. Funk & Wagnalls, New York.

Alstad, D.N. and G.F. Edmunds, Jr. 1982. Effects of air pollutants on insect populations. *Annual Review of Entomology* 27:369–384.

American Ornithologists' Union (AOU). 2000. Forty-second supplement to the American Ornithologists' Union checklist of North American birds. *Auk* 117: 847-858.

American Wind Energy Association (AWEA). 2008. Wind Energy Siting Handbook. Prepared by Tetra Tech EC, Inc., and Nixon Peabody LLP. 183 pp.

American Wind Energy Association (AWEA). 2013. Wind energy facts at a glance. <http://www.awea.org/Resources/Content.aspx?ItemNumber=5059>

Amstrup, S., and R. Phillips. 1977. Effects of coal extraction and related development on wildlife populations: Effects of coal strip mining on habitat use, activities and population trends of sharp-tailed grouse (*Pedioecetes phasianellus*). Annual progress report. Denver Wildlife Research Center. U.S. Fish and Wildlife Service. Denver, CO. 37 pp.

Amstrup 1980 – scientific and educational purposes

Andreadis, K.M., and D.P. Lettenmaier. 2006. Trends in 20th century drought over the continental United States. *Geophysical Research Letters* 33:1–4.

Animal and Plant Health Inspection Service (APHIS). 2002. U.S. Department of Agriculture. Rangeland grasshopper and mormon cricket suppression program. Final Environmental Impact Statement. Riverdale, MD. 283 pp. American Mining Association. 2014. Website: <http://nma.org/index.php/contact-nma>. Accessed December 16, 2014.

Anthony, R.G. and M.J. Willis. 2008. Survival rates of female greater sage-grouse in autumn and winter in southeastern Oregon. *Journal of Wildlife Management* 73: 538–545.

Applegate, D.H. and N.L. Owens. 2014. Oil and gas impacts on Wyoming's sage-grouse: summarizing the past and predicting the future. *Human-Wildlife Interactions* 8: 284-290.

Archer, S., D. S. Schimel, and E. A. Holland. 1995. Mechanisms of shrubland expansion: landuse, climate or CO₂? *Climatic Change* 19: 91 –99.

Arkle, R. S., D. S. Pilliod, S. E. Hanser, M. L. Brooks, J. C. Chambers, J. B. Grace, K. C. Knutson, D. A. Pyke, J. L. Welty, and T. A. Wirth. 2014. Quantifying restoration effectiveness using multi-scale habitat models: implications for sage-grouse in the Great Basin. *Ecosphere* 5:31. <http://dx.doi.org/10.1890/ES13-00278.1>.

Aspbury, A., and R.M. Gibson. 2004. Long-range visibility of greater sage grouse leks: a GIS-based analysis. *Animal Behaviour* 67.

Association of Fish and Wildlife Agencies (AFWA) and U.S. Fish and Wildlife Service. 2007. Wind power siting, incentives, and wildlife guidelines in the United States. Research conducted by: Jodi Stemler Consulting, Denver, CO. 134 pp.

Atamian, M., J. Sedinger, and C. Frey. 2007. Dynamics of greater sage-grouse (*Centrocercus urophasianus*) populations in response to transmission lines in central Nevada. Progress Report Year 5. 39 pp.

Atamian, M. T., J. S. Sedinger, J. S. Heaton, and E. J. Blomberg. 2010. Landscape-level assessment of brood rearing habitat for greater sage-grouse in Nevada. *Journal of Wildlife Management* 74:1533–1543.

Ault, T.R., J.E. Cole, J.T. Overpeck, G.T. Pederson, and D.M. Meko. 2014. Assessing the risk of persistent drought using climate model simulations and paleoclimate data. *Journal of Climate* 27:7529–7549.

- Autenrieth, R.E. 1981. Sage grouse management in Idaho. Wildlife Bulletin Number 9. Idaho Department of Fish and Game. 239 pp.
- Bachelet, D., R.P. Neilson, J.M. Lenihan, and R.J. Drapek. 2001. Climate change effects on vegetation distribution and carbon budget in the United States. *Ecosystems* 4:164–185.
- Baines, D., and R.W. Summers. 1997. Assessment of bird collisions with deer fences in Scottish forests. *Journal of Applied Ecology* 34 (4): 941-948.
- Baker, M.F., R.L. Eng, J.S. Gashwiler, M.H. Schroeder. 1976. Conservation committee report on effects of alteration of sagebrush communities on the associated avifauna. *The Wilson Bulletin* 88(1):165–171.
- Baker, W.L. 2006. Fire and restoration of sagebrush ecosystems. *Wildlife Society Bulletin* 34:177-185.
- Baker, W.L. 2011. Pre-Euro-American and recent fire in sagebrush ecosystems. In Knick, S.T., and J.W. Connelly, eds. *Greater sage-grouse – ecology and conservation of a landscape species and its habitats*. Studies in Avian Biology: 38. Berkeley, CA. University of California Press. 10:185–202.
- Baker, W.L. 2013. Is wildland fire increasing in sagebrush landscapes of the Western United States? *Annals of the Association of American Geographers*. 103(1):5–19.
- Balch, J. K., B. A. Bradley, C. M. D’Antonio, and J. Gomez-Dans. 2013. Introduced annual grass increases regional fire activity across the arid western USA (1980–2009). *Global Change Biology* 19:173–183.
- Balch et al. 2015 – climate change**
- Banks, E. R., and W. L. Baker. 2011. Scale and pattern of cheatgrass (*Bromus tectorum*) invasion in Rocky Mountain National Park. *Natural Areas Journal* 31:377–390.
- Bar-Massada, A, V.C. Radeloff, and S.I. Stewart. 2014. Biotic and abiotic effects of human settlements in the wildland-urban interface. *BioScience* 64(5):429–437.
- Barber, H.A. 1991. Strutting behavior, distribution and habitat selection of sage grouse in Utah. M.S. Thesis. Brigham Young University, Provo, Utah.
- Barber, J.R., K.R. Crooks, and K.M. Fristrup. 2010. The costs of chronic noise exposure for terrestrial organisms. *Trends in Ecology and Evolution* 25:180–189.
- Barker C.M., B.G. Bolling, W.C. Black IV, C.G. Moore, L. Eisen. 2009. Mosquitoes and West Nile virus along a river corridor from prairie to montane habitats in Eastern Colorado. *Journal of Vector Ecology* 34: 276–293.
- Barnett, J.K. and J.A. Crawford. 1994. Pre-laying nutrition of sage grouse hens in Oregon. *Journal of Range Management* 47:114-118.

- Barrett, S.W., T.W. Swetnam, and W.L. Baker. 2005. Indian fire use: Deflating the legend. *Fire Management Today* 65(3):31–34.
- Baruch-Mordo, S., J. S. Evans, J. P. Severson, D. E. Naugle, J. D. Maestas, J. M. Kiesecker, M. J. Falkowski, C. A. Hagen, and K. P. Reese. 2013. Saving sage-grouse from the trees: A proactive solution to reducing a key threat to a candidate species. *Biological Conservation* 167:233–241.
- Baxter, R.J., K.D. Bunnell, J.T. Flinders, and D.L. Mitchell. 2007. Impacts of predation on greater sage-grouse in Strawberry Valley, Utah. Pages 258-269 *In* Transactions of the 72nd North American Wildlife and Natural Resources Conference, March 2007, 11 pp.
- Baxter, R.J., J.T. Flinders, and D.L. Mitchell. 2006. Survival, movements, and reproduction of translocated greater sage-grouse in Strawberry Valley, Utah. *Journal of Wildlife Management* 72: 179–186.
- Baxter, R.J., J.T. Flinders, and D.L. Mitchell. 2008. Survival, movements, and reproduction of translocated greater sage-grouse in Strawberry Valley, Utah. *Journal of Wildlife Management* 72(1):179-186.
- Baxter, R.J., J.T. Flinders, D.G. Whiting, and D.L. Mitchell. 2009. Factors affecting nest-site selection and nest success of translocated greater sage grouse. *Wildlife Research* 36(6):479-487.
- Baxter, R.J., J.P. Hennefer, R.J. Baxter, R.T. Larsen, and J.T. Flinders. 2013. Evaluating survival of greater sage-grouse chicks in Strawberry Valley, Utah, by use of microtransmitters: Does handling time negatively influence survival rates? *Western North American Naturalist* 73(4):419-425.
- Baydack, R.K. and D.A. Hein. 1987. Tolerance of sharp-tailed grouse to lek disturbance. *Wildlife Society Bulletin* 15:535–539.
- Beck, J. L., and D.L. Mitchell. 2000. Influences of livestock grazing on sage grouse habitat. *Wildlife Society Bulletin* 28: 993–1002.
- Beck, J.L., J.W. Connelly, and K.P. Reese. 2009. Recovery of greater sage-grouse habitat features in Wyoming big sagebrush following prescribed fire. *Restoration Ecology* 17:393–403.
- Beck, J.L., J.W. Connelly, and C.L. Wambolt. 2012b. Consequences of treating Wyoming big sagebrush to enhance wildlife habitats. *Rangeland Ecology and Management* 65:444–455.
- Beck, J. L., D. L. Mitchell, and B. D. Maxfield. 2003. Changes in the distribution and status of sage-grouse in Utah. *Western North American Naturalist* 63:203-214.

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.

Beck, T.D.I. 1977. Sage grouse flock characteristics and habitat selection in winter. *Journal of Wildlife Management* 41:18-26.

Beck, T.D. and C.E. Braun. 1978. Weights of Colorado sage grouse. *Condor* 80:241-243.

Beck T.D. I. and C. E. Braun. 1980. The strutting ground count: variation, traditionalism, management needs. *Proceedings of the Western Association of Fish and Wildlife Agencies* 60: 558-566.

Comment [DP2]: I have the citation but not the article.

Beever, E.A. 2003. Management implications of the ecology of free-roaming horses in semiarid ecosystems of the western United States. *Wildlife Society Bulletin* 31:887-895.

Beever, E.A., and C.L. Aldridge. 2011. Influences of free-roaming equids on sagebrush ecosystems, with focus on greater sage-grouse. Chapter 14 in Knick, S.T. and J.W. Connelly, eds. *Greater sage-grouse – ecology and conservation of a landscape species and its habitat*. *Studies in Avian Biology*. Berkley, CA. University of California Press. 38:273-290.

Beever, E.A. and J.E. Herrick. 2006. Effects of feral horses in Great Basin landscapes on soils and ants: Direct and indirect mechanisms. *Journal of Arid Environments* 66:96-112.

Beever, E.A., R.J. Tausch, and W.E. Thogmartin. 2008. Multi-scale responses of vegetation to removal of horse grazing from Great Basin (USA) mountain ranges. *Plant Ecology* 197:163-184.

Bell, J.A., C.M. Brewer, N.J. Mickelson, G.W. Garman, and J.A. Vaughan. 2006. West Nile virus epizootiology, central Red River Valley, North Dakota and Minnesota, 2002-2005. *Emerging infectious diseases*, 128: 1245-1247.

Belnap 2003 - infrastructure

Berry, J.D., and R.L. Eng. 1985. Interseasonal movements and fidelity to seasonal use areas by female sage grouse. *Journal of Wildlife Management* 49.

Bevanger, K. 1998. Biological and conservation aspects of bird mortality caused by electricity power lines: a review. *Biological Conservation* 86 (1): 67-76.

Bevanger, K., and H. Brøseth. 2000. Reindeer *Rangifer tarandus* fences as a mortality factor for ptarmigan *Lagopus spp.*. *Wildlife Biology* 6 (2): 121-127.

Beyer, W.N., J. Dalgarn, S. Dudding, J.B. French, R. Mateo, J. Miesner, L. Sileo, J. Spann. 2004. Zinc and lead poisoning in wild birds in the tri-state mining district (Oklahoma, Kansas, and Missouri). *Archives of Environmental Contamination and Toxicology*. 48:108-117.

- Big Horn Environmental Consultants. 2009. Landscape level use of larvicides to control *Culex tarsalis* Mosquitoes and minimize transmission of West Nile virus in sage-grouse: a description of experiments in 2008. Report prepared for U.S. Fish and Wildlife Service. Unpublished data. 18 pp.
- Big Horn Environmental Consultants. 2011. Landscape level use of larvicides to control *Culex tarsalis* Mosquitoes and minimize transmission of West Nile virus in sage-grouse: a description of experiments in 2010. Report prepared for U.S. Fish and Wildlife Service. Unpublished data. 8 pp.
- Billings, W. D. 1990. *Bromus tectorum*, a biotic cause of ecosystem impoverishment in the Great Basin. Pp. 301–322 in G. M. Woodell (editor). *The earth in transition: patterns and processes of biotic impoverishment*. Cambridge University Press, Cambridge, UK.
- Billings WD. 1994. Ecological impacts of cheatgrass and resultant fire on ecosystems in the western Great Basin. In: Monsen S.B., Kitchen S.G., Eds. *Ecology and management of annual range-lands*. Ogden, UT: USDA Forest Service Intermountain Research Station. p. 22–30.
- Bird, K.L., C.L. Aldridge, J.E. Carpenter, C.A. Paszkowski, M.S. Boyce, and D.W. Coltman. 2013. The secret sex lives of sage-grouse: multiple paternity and intraspecific nest parasitism revealed through genetic analyses. *Behavioral Ecology* 24: 29-38.
- Blickley, J.L. and G.L. Patricelli. 2010. Impacts of anthropogenic noise on wildlife: research priorities for development of standards and mitigation. *Journal of International Law & Policy*, 13: 274–292.
- Blickley, J.L. and G.L. Patricelli. 2012. Potential acoustic masking of greater sage-grouse (*Centrocercus urophasianus*) display components by chronic industrial noise. *Ornithological Monographs* 74: 23-35.
- Blickley, J.L., D. Blackwood, and G.L. Patricelli. 2012. Experimental evidence for the effects of chronic anthropogenic noise on abundance of greater sage-grouse at leks. *Conservation Biology* 26: 462-471.
- Blickley, J.L., K.R. Word, A.H. Krakauer, J.L. Phillips, S.N. Sells, C.C. Taff, J.C. Wingfield, G.L. Patricelli. 2012b. Experimental chronic noise is related to elevated fecal corticosteroid metabolites in lekking male greater sage-grouse (*Centrocercus urophasianus*). *PLoS ONE* 7(11): e50462.
- Blomberg, E.J., Gibson, D., Sedinger, J.S., Casazza, M.L., and P.S. Coates. 2013. Intraseasonal variation in survival and probable causes of mortality in greater sage-grouse *Centrocercus urophasianus*. *Wildlife Biology* 19: 347-357.
- Blomberg, E. J., J. S. Sedinger, M. T. Atamian, and D. V. Nonne. 2012. Characteristics of climate and landscape disturbance influence the dynamics of greater sage-grouse populations. *Ecosphere* 3:55. <http://dx.doi.org/10.1890/ES11-00304.1>.

Comment [AB3]: Cited as "Bush et al. 2013 within SR.

- Blomberg, E.J., J.S. Sedinger, D. Gibson, P.S. Coates, and M.L. Casazza. 2014. Carryover effects and climatic conditions influence the postfledging survival of greater sage-grouse. *Ecology and Evolution* 4(23): 4488-4499.
- Blomberg, E.J., J.S. Sedinger, D.V. Nonne, and M.T. Atamian. 2013. Seasonal reproductive costs contribute to reduced survival of female greater sage-grouse. *Journal of Avian Biology* 44(2): 149-158.
- Blus, L.J. and J.W. Connelly. 1989. Effects of organophosphorus insecticides on sage grouse in southeastern Idaho. *Journal of Wildlife Management* 53:1139–1146.
- Blus, L.J. and J.W. Connelly. 1998. Radiotelemetry to determine exposure and effects of organophosphorous insecticides on sage grouse. Pages 21–29 In Brewer, L.W. and K.A. Fagerstone, eds. *Proceedings Workshop Radiotelemetry Applications for Wildlife Toxicology Field Studies*, January 5-8, 1993. Pacific Grove, California. Society of Environmental Toxicology and Chemistry, Pensacola, Florida. 224 pp.
- Blus, L.J., C.S. Staley, C.J. Henny, G.W. Pendleton, T.H. Craig, E.H. Craig, and D.K. Halford. 1989. Effects of organophosphorus insecticides on sage grouse in southeastern Idaho. *The Journal of Wildlife Management* 53(4):1139–1146.
- Bohne, J. 2003. Analysis of sage-grouse hunting seasons in Wyoming and a justification for the 2003 sage-grouse hunting season. Memo to Staff Wyoming Game and Fish Department, Cheyenne, WY. 10 pp.
- Booth, M. S., M. M. Caldwell, and J. M. Stark. 2003. Overlapping resource use in three Great Basin species: implications for community invisibility and vegetation dynamics. *Journal of Ecology* 91:36–48.
- Borell, A. E. 1939. Telephone wires fatal to sage grouse. *Condor* 41:85-86.
- Boundless. "The End of the Open Range." Boundless U.S. History. Boundless. 14 Nov 2014. Retrieved 28 February 2015 from <https://www.boundless.com/u-s-history/textbooks/boundless-u-s-history-textbook/the-gilded-age-1870-1900-20/the-transformation-of-the-west-149/the-end-of-the-open-range-791-3275/>
- Boyce, M.S. 1990. The Red Queen Visits Sage Grouse Leks. *American Zoologist* 30(2).
- Boyle, S.A. and F.B. Samson. 1985. Effects of nonconsumptive recreation on wildlife: a review. *Wildlife Society Bulletin* 13:110–116.
- Bradbury, J.W., R.M. Gibson, C.E. McCarthy, and S.L. Vehrencamp. 1989. Dispersion of displaying male sage grouse: II. The role of female dispersion. *Behavioral Ecology and Sociobiology* 24:15-24.
- Bradford, J. B., and W. K. Lauenroth. 2006. Controls over invasion of *Bromus tectorum*: the importance of climate, soil, disturbance and seed availability. *Journal of Vegetation Science* 17:693–704.

- Bradford, J.B., D.R. Schlaepfer, W.K. Lauenroth, and I.C. Burke. 2014. Shifts in plant functional types have time-dependent and regionally variable impacts on dryland ecosystem water balance. *Journal of Ecology* 102(6): 1408-1418.
- Bradley, B. A., and J. F. Mustard. 2006. Characterizing the landscape dynamics of an invasive plant and risk of invasion using remote sensing. *Ecological Applications* 16:1132–1147.
- Bradley, B. A. 2009. Regional analysis of the impacts of climate change on cheatgrass invasion shows potential risk and opportunity. *Global Change Biology* 15:196–208.
- Bradley, B. A., M. Oppenheimer, and D. S. Wilcove. 2009. Climate change and plant invasions: restoration opportunities ahead? *Global Change Biology* 15:1511–1521.
- Bradley, B. A. 2010. Assessing ecosystem threats from global and regional change: hierarchical modeling of risk to sagebrush ecosystems from climate change, land use and invasive species in Nevada, USA. *Ecography* 33: 198–208.
- Braun, C. 1986. Changes in Sage-Grouse Lek Counts with Advent of Surface Coal Mining. Pp. 227-231 in R. Comer, ed., *Proc. Issues and Technology in the Management of Impacted Western Wildlife 2*. Thorne Ecological Institute, Boulder, CO.
- Braun, C.E. 1987. Current issues in sage grouse management. *Proceedings of Western Association of Fish and Wildlife Agencies* 67:134–144.
- Braun, C.E. 1995. Predation and sage grouse. Internal Memo, Colorado Division of Wildlife :3.
- Braun, C.E. 1998. Sage grouse declines in western North America: What are the problems? *Proceedings of Western Association of Fish and Wildlife Agencies* 78:139-156.
- Braun, C.E. 2003. Sage-grouse scoping issues for revision of the BLM's Great Divide Resource Management Plan. [http://www .voiceforthewild.org/greatdivide/braun_sagegrouse.html](http://www.voiceforthewild.org/greatdivide/braun_sagegrouse.html). Accessed 04/14/2015
- Braun, C.E. 2006. A blueprint for sage-grouse conservation and recovery. 2006. Grouse Inc. Tucson, Arizona. 26 pp.
- Braun, C.E., M.F. Baker, R.L. Eng, J.W. Gashwiler, and M.H. Schroeder. 1976. Conservation committee report on effects of alteration of sagebrush communities on the associated avifauna. *The Wilson Bulletin* 88:165-171.
- Braun, C.E., O.O. Oedekoven, and C.L. Aldridge. 2002. Oil and gas development in western North America: Effects on sagebrush steppe avifauna with particular emphasis on sage-grouse. *Transactions of the North American Wildlife Natural Resources Conference* 67. 19 pp.
- Braun, C.E. and T.D.I. Beck. 1976. – Effect of sagebrush control on abundance and distribution of sage-grouse. Final Report, Fed. Aid Wildl. Proj. W-37-R, Work Plan 3, Job 8a, Colorado Division of Wildlife, Fort Collins.

Comment [DP4]: Have citation, need article

Braun et al. 2015. Fall population structure of sage-grouse in Colorado and Oregon. Wildlife Technical Report 005-2015.

Comment [DP5]: Need to complete citation

Brooks M. L., and D. A. Pyke. 2001. Invasive plants and fire in the deserts of North America. Pages 1–14 in K.E.M Galley and T. P. Wilson, eds. Proceedings of the Invasive Plant Workshop: The Role of Fire in the Control and Spread of Invasive Species. Tallahassee (FL): Tall Timbers Research Station.

Brooks, M. L., C. M. D'Antonio, D. M. Richardson, J. B. Grace, J. E. Keeley, J. S. DiTomaso, R. J. Hobbs, M. Pellant, and D. Pyke. 2004. Effects of invasive alien plants on fire regimes. *BioScience* 54:677-688.

Brown, C. and H. Rowe. 2004. The unwelcome arrival of *Bromus tectorum* to high elevations. Proceedings of the High Altitude Revegetation Workshop, 3-5 March 2004, Fort Collins, Colorado, USA.

Brown, D.G., K.M. Johnson, T.R. Loveland, and D.M. Theobald. 2005. Rural land-use trends in the conterminous United States, 1950–2000. *Ecological Applications* 15(6):1851–1863.

Brown, G.M., and J. F. Shogren. 1998. Economics of the Endangered Species Act. *The Journal of Economic Perspectives* 12: 3–20.

Brown, K.G., and K. M. Clayton. 2004. Ecology of the greater sage-grouse (*Centrocercus urophasianus*) in the coal mining landscape of Wyoming's Powder River Basin. Final Technical Report, Thunderbird Wildlife Consultants, Inc. Wright, WY.

Brown, T.J., B.L. Hall, and A.L. Westerling. 2004. The impact of twenty-first century climate change on wildland fire danger in the western United States: and applications perspective. *Climate Change* 62: 365-388.

Bruce, J.R., W.D. Robinson, S.L. Petersen, and R.F. Miller. 2011. Greater sage-grouse movements and habitat use during winter in central Oregon. *Western North American Naturalist* 71:418-424.

Bui, T. D. 2009. The effects of nest and brood predation by common ravens (*Corvus corax*) on greater sage-grouse (*Centrocercus urophasianus*) in relation to land use in western Wyoming. M.S., University of Washington.

Bui, T.D., J.M. Marzluff, and B. Bedrosian. 2010. Common raven activity in relation to land use in western Wyoming: implications for greater sage-grouse reproductive success. *The Condor* 112(1):65–78.

Bukowski, B.E. and W.L. Baker. 2013. Historical fire regimes, reconstructed from land-survey data, led to complexity and fluctuation in sagebrush landscapes. *Ecological Applications* 23(3):546–564.

- Bunnell, K.D. 2000. Ecological factors limiting sage grouse recovery and expansion in Strawberry Valley, Utah. M.S. Brigham Young University.
- Bureau of Land Management. 1996. Partners against weeds: an action plan for the Bureau of Land Management. U.S. Department of the Interior, Bureau of Land Management. 7 pp.
- Bureau of Land Management. 2003. Final environmental impact statement and proposed plan amendment for the Powder River Basin oil and gas project. Volume 1 of 4. U.S. Department of the Interior, Bureau of Land Management, Wyoming State Office,
- Bureau of Land Management. 2005a. Final programmatic environmental impact statement on wind energy development on BLM-administered lands in the western United States. U.S. Department of the Interior, Bureau of Land Management. FEIS 05-11. 13 pp.
- Bureau of Land Management. 2006. Final environmental impact statement, Jonah Field infield drilling project. Record of Decision. U.S. Department of the Interior, Bureau of Land Management, Pinedale and Rock Springs Field Offices. Chapter 2.2.
- Bureau of Land Management. 2007a. Final programmatic environmental impact statement, BLM vegetation treatments using herbicides. Final Version, June 2007. FES 07-21. Chapter 3. 78 pp.
- Bureau of Land Management. 2007c. Final environmental impact statement oil and gas resource management plan amendment. Analysis of the management situation. U.S. Department of the Interior, Bureau of Land Management, White River Field Office.
- Bureau of Land Management 2007. Salt Wells Geothermal Drilling. Carson City District-Stillwater Field Office. EA-NV-030-07-05.
- Bureau of Land Management. 2008a. Responses to concerns about the 2008 status review for greater sage-grouse to Kendra Womack, Branch Chief - Conservation Planning, U.S. Fish and Wildlife Service, Boise, ID. 6 pp.
- Bureau of Land Management 2008b. Greater sage-grouse land use plan evaluation. 109 pp.
- Bureau of Land Management 2008c. Bowdoin Dome Natural Gas Project environmental assessment and finding of no significant impact. MT-92234-07-59. Malta Field Office and Great Falls Field Station. December. 394 pp plus appendices.
- Bureau of Land Management 2008b. Final supplement to the Montana statewide oil and gas environmental impact statement and proposed amendment of the Powder River Basin and Billings resource management plans. U.S. Department of the Interior,
- Bureau of Land Management 2008d. Supplemental environmental impact statement for the Pinedale Anticline oil and gas exploration and development project. U.S. Department Of the Interior, Bureau of Land Management, Sublette County, Wyoming. 16 pp.

Bureau of Land Management 2009b. Puma Deep Prospect Area Decision Record. WY-46-EA 09-130. Rock Springs Field Office. June. 13 pp.

Bureau of Land Management (BLM) 2011. Mining claims and sites on Federal lands. Online pamphlet revised May, 2011. 44 pp.

Bureau of Land Management 2011. Newberry Volcano Enhanced Geothermal System (EGS) Demonstration Project. DOI-BLM-OR-P000-2011-0003-EA DOE/EA-1897. Prineville District Office Bureau of Land Management. 26pp.

Bureau of Land Management (BLM). 2011. Greater sage-grouse interim management policies and procedures. Instruction Memorandum No. 2012-043. 15 pp.

Bureau of Land Management 2012. Final programmatic environmental impact statement (PEIS) for solar energy development in six southwestern states (Arizona, California, Colorado, Nevada, New Mexico, and Utah). FES 12-24; DOE/EIS-0403.

Bureau of Land Management (BLM) 2013a. Nevada and Northeastern California Sub-regional Greater Sage-Grouse RMP Amendment/EIS. Reno District Office.

Bureau of Land Management 2013c. Draft Idaho and Southwest Montana Sub-Regional Greater Sage-Grouse Land Uses Plan Amendment and Environmental Impact Statement. Boise District Office

Bureau of Land Management 2013h. Oregon Sub-Regional Greater sage-grouse draft resource management plan amendment/draft environmental impact statement. Oregon State Office.

Bureau of Land Management 2013i. Utah Greater Sage-Grouse Draft LUPA/EIS, BLM, Utah State Office.

Bureau of Land Management 2013j. Wyoming Greater Sage-Grouse Draft Land Use Plan Amendment (LUPA) and Draft Environmental Impact Statement. BLM, Wyoming State Office.

Bureau of Land Management 2013k. South Dakota Draft RMP/EIS, BLM, South Dakota Field Office.

Bureau of Land Management 2014. Greater sage-grouse wildfire, invasive annual grasses, and conifer expansion assessment (Fire and Invasives Assessment Tool (FIAT)). 2014. Prepared by Fire and Invasives Assessment Team (Appendix 5). 43 pages.

Bureau of Land Management 2014c – solar – renewable energy

Bureau of Land Management [BLM]. 2014. Myths and Facts. Wild Horses and Burros > History and Facts > Myths and Facts. Website available online at

http://www.blm.gov/wo/st/en/prog/whbprogram/history_and_facts/myths_and_facts.html

.. Accessed February 3, 2015. 3 pp.

Bureau of Land Management [BLM]. 2015. Wild Horse and Burro Quick Facts. Website available online at http://www.blm.gov/wo/st/en/prog/whbprogram/history_and_facts/quick_facts.html. Accessed February 2, 2015. 4 pp.

Bureau of Land Management 2015. National seed strategy for rehabilitation and restoration 2015-2020. Bureau of Land Management, Washington, D.C., 56 pp.

Bureau of Land Management and U.S. Forest Service. 2008a. Final programmatic environmental impact statement for geothermal leasing in the western United States. FES 08-44. 1792 pp.

Bureau of Land Management and U.S. Forest Service. 2008b. Record of Decision adopting final programmatic environmental impacts statement for geothermal leasing in the western U.S. December 17, 2008, 102 pp.

Burger, L.D., L.W. Burger Jr, and J. Faaborg. 1994. Effects of prairie fragmentation on predation on artificial nests. *Journal of Wildlife Management* 58(2):249-254.

Bush, K.L., C.K. Dyte, B.J. Moynahan, C.L. Aldridge, H.S. Sauls, A.M. Battazzo, B.L. Walker, K.E. Doherty, J. Tack, J. Carlson, D. Eslinger, J. Nicholson, M.S. Boyce, D.E. Naugle, C.A. Paszkowski, and D.W. Coltman. 2011. Population structure and genetic diversity of greater sage-grouse (*Centrocercus urophasianus*) in fragmented landscapes at the northern edge of their range. *Conservation Genetics* 12:527–542.

Byrne, M.W. 2002. Habitat use by female greater sage grouse in relation to fire at Hart Mountain National Antelope Refuge, Oregon. M.S. Thesis, Oregon State University, Corvallis, Oregon. 62 pp.

Cadwell, L.L., J.L. Downs, C.M. Phelps, J. J. Nugent, L. Marsh, and L. Fitzner. 1996. Sagebrush restoration in the shrub-steppe of south-central Washington. Pages 143–145 In Barrow, J.R., E.D. McArthur, R.E. Sosebee, and R.J. Tausch, comps. *Proceedings: Shrubland ecosystem dynamics in a changing environment*. General Technical Report INT-GTR-338. U.S. Department of Agriculture, U.S. Forest Service, Intermountain Research Station. Ogden, Utah. 275 pp.

California Energy Commission 2015 – renewable energy

Calkin, D.E., J.D. Cohen, M.A. Finney, and M.P. Thompson. 2014. How risk management can prevent future wildfire disasters in the wildland-urban interface. *PNAS* 3(2):746–751.

Call, M.W. and C. Maser. 1985. Wildlife habitats in managed rangelands - The Great Basin of southeastern Oregon sage grouse. General Technical Report PNW-187, U.S. Department of Agriculture, Forest Service, La Grande, OR. 30 pp.

- Carpenter, J., Aldridge, C., and Boyce, M.S., 2010, Sage-grouse habitat selection during winter in Alberta: *Journal of Wildlife Management*, v. 74, p. 1806–1814.
- Casazza, M. L., P. S. Coates, and C. T. Overton. 2011. Linking habitat selection and brood success in greater sage-grouse. Pp. 151-167 in B. K. Sandercock, K. Martin, and G. Segelbacher (editors). *Ecology, conservation, and management of grouse. Studies in Avian Biology* (no. 39), University of California Press, Berkeley, CA.
- Caudill, D. 2011. Factors affecting greater sage-grouse (*Centrocercus urophasianus*) survival and movement in south-central Utah. M.S. Thesis. Utah State University, Logan, Utah. 144 pp.
- Caudill, D., T. Messmer, B. Bibles, and M. Guttery. 2013. Winter habitat use by juvenile greater sage-grouse on Parker Mountain, Utah: implications for sagebrush management. *Human-Wildlife Interactions* 7: 250-259.
- Caudill, D., T.A. Messmer, B. Bibles, and M.R. Guttery. 2014. Greater sage-grouse juvenile survival in Utah. *Journal of Wildlife Management* 78: 808–817.
- Cayan, D.R., E.P. Maurer, M.D. Dettinger, M.Tyree and K. Hayhoe. 2008. Climate change scenarios for the California region. *Climate Change* (Suppl 1):s21-s42.Center for Invasive Plant Management. 2015. <http://www.weedcenter.org/resources/state.html>. Accessed February 19, 2015.
- Chambers, J.C., S.B. Vander Wall, and E.W. Schupp. 1999. Seed and seedling ecology of pinyon and juniper species in the pygmy woodlands of western North America. *The Botanical Review* 65:1–38.
- Chambers, J. C., B. A. Roundy, R. R. Blank, S. E. Meyer, and A. Whittaker. 2007. What makes Great Basin sagebrush ecosystems invisable by *Bromus tectorum*? *Ecological Monographs* 77:117–145.
- Chambers, J.C. and M. Pellant. 2008. Climate change impacts on northwestern and intermountain United States rangelands. *Rangelands* 30:29-33.
- Chambers, J.C., D.A. Pyke, J.D. Maestas, M. Pellant, C.S. Boyd, S.B. Campbell, S. Espinosa, D.W. Havlina, K.E. Mayer, and A. Wuenschel. 2014a. Using resistance and resilience concepts to reduce impact of invasive annual grasses and altered fire regimes on the sagebrush ecosystem and greater sage-grouse: A strategic multi-scale approach. Gen. Tech. Rep. RMRS-GTR-326. Fort Collins, CO. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 73 pp.
- Chambers, J. C., B. A. Bradley, C. S. Brown, C. D’Antonio, M. J. Germino, J. B. Grace, S. P. Hardegree, R. F. Miller, D. A. Pyke. 2014?. Resilience to stress and disturbance, and resistance to *Bromus tectorum* L. invasion in the cold desert shrublands of western North America. *Ecosystems* 17:360–375.

Chambers, J. C., R. F. Miller, D. I. Board, D. A. Pyke, B. A. Roundy, J. B. Grace, E. W. Schupp, and R. J. Tausch. 2014?. Resilience and resistance of sagebrush ecosystems: implications for state and transition models and management treatments. *Rangeland Ecology and Management* 67:440–454.

Comment [DP6]: From fire chapter – not used there

Chesapeake Energy Corporation 2014 - disease

- Christiansen, T. 2009. Fence marking to reduce greater sage-grouse (*Centrocercus urophasianus*) collisions and mortality near Farson, Wyoming - summary of interim results. Wyoming Game and Fish Department. Unpublished data. 3 pp.
- Christiansen, T. 2010. Hunting and Sage-Grouse: A technical review of harvest management on a species of concern in Wyoming. Revised September 2010. Wyoming Game and Fish Department. Cheyenne, WY. 19pp.
- Christiansen, T.J., and C.M. Tate. 2011. Parasites and infectious diseases of greater sage-grouse. Pages 113-126 in S.T. Knick, and J.W. Connelly, eds. Greater sage-grouse: ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology* 38, University of California Press, Berkeley, CA.
- Ciota, A. T., Matacchiero, A. C., Kilpatrick, A. M., & Kramer, L. D. (2014). The effect of temperature on life history traits of *Culex* mosquitoes. *Journal of medical entomology*, 51(1), 55-62.
- Clark, L., J. Hall, R. McLean, M.R. Dunbar, K. Klenk, R. Bowen, and C.A. Smeraski. 2006. Susceptibility of greater sage-grouse to experimental infection with West Nile virus. *Journal of wildlife diseases* 42(1):14-22.
- Coates, P.S. 2007. Greater Sage-Grouse (*Centrocercus urophasianus*) nest predation and incubation behavior. PhD. Idaho State University.
- Coates, P.S., and D.J. Delehanty. 2004. The effects of raven removal on sage grouse nest success. *Proceedings of the Vertebrate Pest Conference* 21.
- Coates, P.S., and D.J. Delehanty. 2008. Effects of environmental factors on incubation patterns of greater sage-grouse. *Condor* 110: 627-638.
- Coates, P.S., Connelly, J.W., and D.J. Delehanty. 2008. Predators of greater sage-grouse nests identified by video-monitoring. *Journal of Field Ornithology* 79: 421-428.
- Coates, P.S., and D.J. Delehanty. 2010. Nest predation of greater sage-grouse in relation to microhabitat factors and predators. *Journal of Wildlife Management* 74: 240-248.
- Coates, P.S., M.L. Casazza, E.J. Blomberg, S.C. Gardner, S.P. Espinosa, J.L. Yee, L.A. Weichman, and B.J. Halstead. 2013. Evaluating greater sage-grouse seasonal space use relative to leks: implications for surface use designations in sagebrush ecosystems. *Journal of Wildlife Management* 77:1598-1609.

Coates, P.S., K.B. Howe, M.L. Casazza, and D.J. Delehanty. 2014. Landscape alterations influence differential habitat use of nesting buteos and ravens within sagebrush ecosystem: Implications for transmission line development. *Condor* 116(3):341-356.

Coates, P.S., Howe, K. B., Casazza, M. L., and D.J. Delehanty. 2014. Common raven occurrence in relation to energy transmission line corridors transiting human-altered sagebrush steppe. *Journal of Arid Environments* 111: 68-78.

Coates et al. 2015 - intro

Comment [DP7]: May be fire model

Coggins, K.A. 1998. Relationship between habitat changes and productivity of sage grouse at Hart Mountain National Antelope Refuge, Oregon. Oregon State University.

Colorado Division of Wildlife 2008 – invasives, ag conversion

Comment [DP8]: Could this be the CO GRSG steering committee?

Colorado Division of Wildlife 2013 – scientific use

Colorado Department of Natural Resources – 2013 – invasives

Colorado package 2013 - conifers

Comment [DP9]: These may be the same

Colorado Greater Sage-grouse Steering Committee. 2008. Colorado greater sage-grouse conservation plan. Colorado Division of Wildlife, Denver, Colorado, USA. 500 pp.

Colorado Parks and Wildlife (CPW). 2014. Comments submitted to the U.S. Fish and Wildlife Service regarding potential listing of Greater sage-grouse.

Comer, P., P. Crist, M. Reid, J. Hak, H. Hamilton, D. Braun, G. Kittel, I. Varley, B. Unnasch, S. Auer, M. Creutzburg, D. Theobald, and L. Kutner. 2012. Central Basin and Range Rapid Ecoregional Assessment Report. Prepared for the U.S. Department of Interior, Bureau of Land Management. 168 pp. + appendices.

Commons, M.L., R.K. Baydack, and C.E. Braun. 1999. Sage grouse response to pinyon-juniper management. Pages 238–239 In Monsen, S.B. and R. Stevens, eds. *Proceedings: Ecology and management of Pinyon Juniper Communities within the Interior West*. U.S.D.A. U.S. Forest Service Rocky Mountain Research Station RMRS-P9, Fort Collins, Colorado.

Connelly, J. 2005. Challenging dogma-changing paradigms: Sage grouse harvest management in the United States. *Sage Grouse News* 29:7–11

Connelly, J.W. and C.E. Braun. 1997. A review of long-term changes in sage grouse populations in western North America. *Wildlife Biology* 3:229-234.

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.

- 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., W.L. Wakkinen, A.D. Apa, and K.P. Reese. 1991. Sage grouse use of nest sites in southeastern Idaho. *Journal of Wildlife Management* 55(3):521-524.
- Connelly, J.W., M.A. Schroeder, A.R. Sands, and C.E. Braun. 2000a. Guidelines to manage sage grouse populations and their habitats. *Wildlife Society Bulletin* 28:967-985.
- Connelly, J.W., A.D. Apa, R.B. Smith, and K.P. Reese. 2000b. Effects of predation and hunting on adult sage grouse *Centrocercus urophasianus* in Idaho. *Wildlife Biology* 6:227-232.
- Connelly, J.W., K.P. Reese, R.A. Fischer, and W.L. Wakkinen. 2000c. Response of a sage grouse breeding population to fire in southeastern Idaho. *Wildlife Society Bulletin* 28:90–96.
- Connelly, J.W., K.P. Reese, E.O. Garton, and M.L. Commons-Kemner. 2003. Response of greater sage-grouse *Centrocercus urophasianus* populations to different levels of exploitation in Idaho, USA. *Wildlife Biology* 9: 255–260.
- Connelly, J.W., S.T. Knick, M.A. Schroeder, and S. J. Stiver. 2004. Conservation assessment of greater sage-grouse and sagebrush habitats. Unpublished Report, Western Association of Fish and Wildlife Agencies. Cheyenne, WY. 610 pp.
- Connelly, J., E. Rinkes, and C. Braun. 2011a. Characteristics of Greater Sage-Grouse Habitat: A Landscape Species at Micro- and Macroscales. Pp. 69-83 in S. Knick and J. Connelly, eds. *Greater Sage-Grouse: Ecology and Conservation of a Landscape Species and Its Habitat*. Studies in Avian Biology, Vol. 38, University of California Press, Berkeley, CA.
- Connelly, J.W., C.A. Hagen, and M.A. Schroeder. 2011a. Characteristics and Dynamics of Greater Sage-Grouse Populations. Pp. 53-67 in S. Knick and J. Connelly, eds. *Greater Sage-Grouse: Ecology and Conservation of a Landscape Species and Its Habitat*. Studies in Avian Biology, Vol. 38, University of California Press, Berkeley, CA.
- Connelly, J.W., S.T. Knick, C.E. Braun, W.L. Baker, E.A. Beever, T. Christiansen, K.E. Doherty, E.O. Garton, C.A. Hagen, S.E. Hanser, D.H. Johnson, M. Leu, R.F. Miller, D.E. Naugle, S.J. Oyler-McCance, D.A. Pyke, K.P. Reese, M.A. Schroeder, S.J. Stiver, B.L. Walker, and M.J. Wisdom. 2011c. Conservation of greater sage-grouse: a synthesis of current trends and future management. pp. 549–563 In Knick, S.T., and J.W. Connelly, eds. *Greater sage-grouse – ecology and conservation of a landscape species and its habitats*. Studies in Avian Biology:38. Berkeley, CA. University of California Press. 24:549–563.
- Conover, M.R., J.S. Borgo, R.E. Dritz, J.B. Dinkins, and D.K. Dahlgren. 2010. Greater sage-grouse select nest sites to avoid visual predators but not olfactory predators. *Condor* 112(2):331-336.

- Cook, J.G., T.J. Hershey, and L.L. Irwin. 1994. Vegetative response to burning on Wyoming mountain-shrub big game ranges. *Journal of Range Management* 47:296–302.
- Cook, B.I., T.R. Ault, and J.E. Smerdon. 2015. Unprecedented 21st century drought risk in the American Southwest and Central Plains. *Science Advances* 1(1): e1400082.
- Cook, Scott. 2015. “The Development and Rise of Barbed Wire.” University of Virginia. Retrieved 28 February 2015 from http://xroads.virginia.edu/~class/am485_98/cook/develop.htm.
- Cooper, S.V., P. Lesica and G.M. Kudray. 2007. Post-fire recovery of Wyoming big sagebrush shrub-steppe in central and southeast Montana. Report to the U.S. Department of the Interior, Bureau of Land Management, State Office. ESA010009 Task Order #29. Montana Natural Heritage Program, Helena, Montana. 34 pp.
- Copeland, H.E., K.E. Doherty, D.E. Naugle, A. Pocerwicz, and J.M. Kiesecker. 2009. Mapping oil and gas development potential in the US intermountain west and estimating impacts to species. *PLOS ONE* 4(10): e7400. doi 10.1371/journal.pone.0007400. 7pp.
- Copeland, H.E., A. Pocerwicz, D.E. Naugle, T. Griffiths, D. Keinath, J. Evans, and J. Platt. 2013. Measuring the effectiveness of conservation: a novel framework to quantify the benefits of sage-grouse conservation policy and easements in Wyoming. *PLoS ONE* 8(6): e67261. 14 pp.
- Cordell, H. K., B. Lewis, and B.L. McDonald. 1995. Long-term outdoor recreation participation trends. Proceedings of the Forth International Outdoor Recreation Tourism Trends Symposium and the 1995 National Recreation Resource Planning Conference, May 1995, St. Paul, MN; 35–38.
- Cordell, H.K., C. J. Betz, and G.T. Green. 2008. Nature-based outdoor recreation trends and wilderness. *International Journal of Wilderness* 14:7–13.
- Corn, M. L. and R. Johnson. 2013. Invasive species: Major laws and the role of selected federal agencies. Congressional Research Service Report R43258. US Government Printing Office, Washington, D.C.
- Crawford, J.A. 1982. History of sage grouse in Oregon. Pages 3-6 *In Oregon Wildlife*. Department of Fisheries & Wildlife, Oregon State University, Portland, OR.
- Crawford, J.A. 1999. Response of Wyoming big sagebrush to prescribed fire at Hart Mountain National Antelope Refuge, Oregon. Oregon State University, Corvallis, Oregon. 12 pp.
- Crawford, J.A. and R.S. Lutz. 1985. Sage grouse population trends in Oregon, 1941–1983. *The Murrelet* 66:69–74.
- Crawford, J.A., R.A. Olson, N.E. West, J.C. Mosley, M.A. Schroeder, T.D. Whitson, R.F. Miller, M.A. Gregg, and C.S. Boyd. 2004. Ecology and management of sage-grouse and sage-grouse habitat. *Journal of Range Management* 57:2-19.

- Cuesta, N., A. Martinez, F. Cuttitta, and E. Zudaire. 2005. Identification of adrenomedullin in avian type II pneumocytes: Increased expression after exposure to air pollutants. *Journal of Histochemistry and Cytochemistry* 53:773–780.
- D'Antonio C. M. and P. M. Vitousek. 1992. Biological invasions by exotic grasses, the grass/fire cycle, and global change. *Annual Review of Ecology and Systematics* 23:63–87.
- Dahl, B. E., and E. W. Tisdale. 1975. Environmental factors related to medusahead distribution. *Journal of Range Management* 28:463–468.
- Dahlen, J.H. and A.O. Haugen. 1954. Acute toxicity of certain insecticides to the bobwhite quail and mourning dove. *Journal of Wildlife Management* 18:477–481.
- Dalke, P.D., D.B. Pyrah, D.C. Stanton, J.E. Crawford, E. Schlatterer. 1960. Seasonal movements and breeding behavior of sage grouse in Idaho. *Proceedings of the 25th North American Wildlife Conference* 1960: 396-407
- Davies, K. W. and T. J. Svejcar. 2008. Comparison of medusahead-invaded and noninvaded Wyoming big sagebrush steppe in southeastern Oregon. *Rangeland Ecology Management* 61:623–629.
- Davies, K. W., T. J. Svejcar, and J. D. Bates. 2009. Interaction of historical and nonhistorical disturbances maintains native plant communities. *Ecological Applications* 19:1536–1545.
- Davies, K.W., C.S. Boyd, J.L. Beck, J.D. Bates, T.J. Svejcar, and M.A. Gregg. 2011. Saving the sagebrush sea: An ecosystem conservation plan for big sagebrush plant communities. *Biological Conservation* 144:2573-2584.
- Davies, K.W., G. Collins, and C.S. Boyd. 2014. Effects of feral free-roaming horses on semi-arid rangeland ecosystems: an example from the sagebrush steppe. *Ecosphere* 5(10):127. <http://dx.doi.org/10.1890/ES14-00171.1>.
- Davis, D.M. and J.A. Crawford. 2014. Case study: Short-term response of greater sage-grouse habitats to wildfire in mountain big sagebrush communities. *Wildlife Society Bulletin* 9999:1–9. DOI: 10.1002/wsb.505.
- Davis, D.M., K.P. Reese, and S.C. Gardner. 2014. Demography, reproductive ecology, and variation in survival of greater sage-grouse in northeastern California. *Journal of Wildlife Management*
- Dawson, A., S.A. Hinsley, P.N. Ferns, R.H. Bonser, and L. Eccleston. 2000. Rate of moult affects feather quality: a mechanism linking current reproductive effort to future survival. *Proceedings Biological sciences / The Royal Society* 267(1457):2093-2098.
- Deibert, P.A.W., and M.S. Boyce. 1997. Heritable resistance to malaria and the evolution of lek behaviour in sage grouse *Centrocercus urophasianus*. *Wildlife Biology* 3(3-4).

- Delong, A.K., J.A. Crawford, and D.C. Delong, Jr. 1995. Relationships between vegetational structure and predation of artificial sage grouse nests. *Journal of Wildlife Management* 59:88-92.
- Department of Energy (U.S.). 2006. Coal and power systems: Innovations for existing plants. Technology roadmap and program plan. Office of Fossil Energy, National Renewable Energy Laboratory. 24 pp.
- Department of Energy 2008. 20 percent wind energy by 2030 – increasing wind energy's contribution to U.S. electricity supply. DOE/GO-102008-2567. July. 248 pp.
- Department of Energy (DOE). 2014a. History of Wind Energy. <http://energy.gov/eere/wind/history-wind-energy>
- Department of the Interior (DOI). 2015. Secretarial Order. Subject: Rangeland fire protection, management and restoration. Order No. 3336. January 5, 2015. 5 pp.
- Diamond, J. M., C. A. Call, and N. Devoe. 2012. Effects of targeted grazing and prescribed burning on community and seed dynamics of a downy brome (*Bromus tectorum*) dominated landscape. *Invasive Plant Science and Management* 5:259–269.
- Diffenbaugh, N.S., J.S. Pal, R.J. Trapp, and F. Giorgi. 2005. Fine-scale processes regulate the response of extreme events to global climate change. *Proceedings of the National Academy of Sciences of the United States of America* 102(44): 15774-15778.
- Diffenbaugh, N.S., F. Giorgi, and J.S. Pal. 2008. Climate change hotspots in the United States. *Geophysical Research Letters* 35(16): 5 pp.
- Diffenbaugh, N.S. and F. Giorgi. 2012. Climate change hotspots in the CMIP5 global climate model ensemble. *Climatic Change* 114: 813-822.
- Diffenbaugh, N.S. and C.B. Field. 2013. Changes in ecologically critical terrestrial climate conditions. *Science* 341(6145): 486-492.
- Dinkins, J.B., Conover, M.R., Kirol, C.P., and J.L. Beck. 2012. Greater sage-grouse (*Centrocercus urophasianus*) select nest sites and brood sites away from avian predators. *Auk* 129: 600-610.
- Dinkins, J.B., Conover, J.R., Kirol, C.P., Beck, J.L., and S.N. Frey. 2014a. Greater sage-grouse (*Centrocercus urophasianus*) select habitat based on avian predators, landscape composition, and anthropogenic features. *Condor* 116: pp. 629-642.
- Dinkins, J. B., M. R. Conover, C. P. Kirol, J. L. Beck, and S. N. Frey. 2014b. Greater sage-grouse (*Centrocercus urophasianus*) hen survival: effects of raptors, anthropogenic and landscape features, and hen behavior. *Canadian Journal of Zoology* 92:319-330.
- DiTomaso, J. M. 2000. Invasive weeds in rangelands: species, impacts, and management. *Weed Science* 48:255–265.

- Doherty, K.E. 2008. Sage-grouse and energy development: integrating science with conservation planning to reduce impacts. Ph.D. Dissertation, University of Montana, Missoula, MT. 125 pp.
- Doherty, K.E., D.E. Naugle, B.L. Walker, and J.M. Graham. 2008. Greater sage-grouse winter habitat selection and energy development. *Journal of Wildlife Management* 72:187-195.
- Doherty, K.E., D.E. Naugle, H. Copeland, A. Pocewicz, and J. Kiesecker. 2011. Energy development and conservation tradeoffs: systematic planning for greater sage-grouse in their eastern range. *Studies in Avian Biology*. 36 pp.
- Doherty, K. E., D. E. Naugle, and B. L. Walker. 2010b. Greater sage-grouse nesting habitat: the importance of managing at multiple scales. *Journal of Wildlife Management* 74:1544–1553.
- Doherty, K.E., D.E. Naugle, J. D. Tack, B.L. Walker, J.M. Graham, and J.L. Beck. 2014. Linking conservation actions to demography: grass height explains variation in greater sage-grouse nest survival. *Wildlife Biology* 20:320–325.

Doherty et al. 2015 - intro

- Doherty, M.K. 2007. Mosquito populations in the Powder River Basin, Wyoming: A comparison of natural, agricultural and effluent coal bed natural gas aquatic habitats. M.S. thesis, Montana State University, Bozeman, MT. 107 pp.
- Dohm, D. J., O'Guinn, M. L., & Turell, M. J. 2002. Effect of environmental temperature on the ability of *Culex pipiens* (Diptera: Culicidae) to transmit West Nile virus. *Journal of Medical Entomology*, 39, 221–225.
- Dominguez, F., E. Rivera, D.P. Lettenmaier, and C.L. Castro. 2012. Changes in winter precipitation extremes for the western United States under a warmer climate as simulated by regional climate models. *Geophysical Research Letters* 39(5).

Domenici 2008. Pers comm.

- Donnelly JP, Naugle DE, Maestas JD and Hagen CA (in press) Public lands and private waters: scarce mesic resources structure land tenure sage-grouse distributions. *Ecosphere*.
- Drut, M.S. 1994. Status of sage grouse with emphasis on populations in Oregon and Washington. Audubon Society of Portland. Portland, OR. 42 pp.
- Drut, M. S., W. H. Pyle, and J. A. Crawford. 1994. Technical note: diets and food selection by sage grouse chicks in Oregon. *Journal of Range Management* 47:90–93.
- Dunbar, M. R., S. Tornquist, and M.R. Giordano. 2003. Blood parasites in sage-grouse from Nevada and Oregon. *Journal of wildlife diseases*, 39(1): 203-208.

Dunn, P.O., and C.E. Braun. 1985. Natal dispersal and lek fidelity of sage grouse. *Auk* 102:621-627.

Dunn, P.O. and C.E. Braun. 1986. Late summer-spring movements of juvenile sage grouse. *Wilson Bulletin* 98:83-92.

Dusek et al. 2014 - disease

Dzialak, M.R., C.V. Olson, S.M. Harju, S.L. Webb, and J.B. Winstead. 2012. Temporal and hierarchical spatial components of animal occurrence: conserving seasonal habitat for greater sage-grouse.

Dzialak, M.R., S.L. Webb, S.M. Harju, C.V. Olson, J.B. Winstead, and L.D. Hayden-Wing. 2013. Greater sage-grouse and severe winter conditions: identifying habitat for conservation. *Rangeland Ecology & Management* 66(1): 10-18.

Eberhardt, L.L., A.K. Majorowicz, and J.A. Wilcox. 1982. Apparent rates of increase for two feral horse herds. *The Journal of Wildlife Management* 46(2):367–374.

Eckert, Jr., R.E., M.K. Wood, W.H. Blackburn, and F.F. Peterson. 1979. Impacts of off-road vehicles on infiltration and sediment production of two desert soils. *Journal of Wildlife Management* 32:394–397.

ECONorthwest. 2014. Recreation spending and BLM sagebrush lands. Final Report. EcoNorthwest, Eugene, OR. 22 pp.

Eiswerth, M.E., K. Krauter, S.R. Swanson, M. Zielinski. 2009. Post-fire seeding on Wyoming big sagebrush ecological sites: Regression analyses of seeded nonnative and native species densities. *Journal of Environmental Management* 90:1320–1325.

Ellis, K. L. 1985. Effects of a new transmission line on distribution and aerial predation of breeding male sage grouse. Final Report: Deseret Generation and Transmission Cooperative.

Ellsworth AFB DEIS 2015 – military activities

Energy Information Administration. 2009b. Annual energy outlook with projection to 2030. U.S. Department of Energy. Washington D.C. 230 pp.

Energy Information Administration 2009c – renewable energy

Energy Information Administration (EIA). 2015a. Coal Overview (Table 6.1), Monthly Energy Review February 2015. Website:
http://www.eia.gov/totalenergy/data/monthly/pdf/sec6_3.pdf. Accessed March 3, 2015.

Energy Information Administration 2015 – renewable energy

Epstein, P. R., and C. Defilippo. West Nile virus and drought. *Global Change and Human Health* 2:2–4. 2001.

Erickson, W. P., G. D. Johnson, M. D. Strickland, D. P. Young Jr., K. J. Sernka, and R. E. Good. 2001. Avian collisions with wind turbines: a summary of existing studies and comparisons to other sources of avian collision mortality in the United States. National Wind Coordinating Committee (NWCC) Resource Document, Western EcoSystems Technology Inc., August 2001.

Esterly, S. and R. Gelman. 2013. Renewable energy data book. Energy efficiency and renewable energy. Department Of Energy. 135pp.

Executive Order 13112. 1999. Presidential Documents. Invasive species. Washington, D.C., Federal Register, 64 (25):6183–6186 (Feb. 8, 1999).

Federal Interagency Committee for the Management of Noxious and Exotic Weeds. 1997. Pulling together: national strategy for invasive plant management. 24 pp.

Fedy, B. C., and K.E. Doherty, 2011. Population cycles are highly correlated over long time series and large spatial scales in two unrelated species: greater sage-grouse and cottontail rabbits. *Oecologia*, 165: 915-924.

Fedy, B.C., C.L. Aldridge, K.E. Doherty, M. O'Donnell, J.L. Beck, B. Bedrosian, M. Holloran, G.D. Johnson, N.W. Kaczor, C.P. Kirol, C.A. Mandich, D. Marshall, G. McKee, C.V. Olson, C. C. Swanson, and B.L. Walker. 2012. Interseasonal movements of greater sage-grouse, migratory behavior, and an assessment of the core regions concept in Wyoming. *Journal of Wildlife Management* 76:1062-1071.

Fernie, K.J. and S.J. Reynolds. 2005. The effects of electromagnetic fields from power lines on avian reproductive biology and physiology: A review. *Journal of Toxicology and Environmental Health, Part B* 8:127-140.

Fischer 1993 - intro

Comment [DP10]: Fischer et al 1993?

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., W.L. Wakkinen, 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.

Fichter, E., and R. Williams. 1967. Distribution and status of the red fox in Idaho. *Journal of Mammalogy* 48(2):219-230.

- Fletcher, K., D. Howarth, A. Kirby, R. Dunn, and A. Smith. 2013. Effect of climate change on breeding phenology, clutch size and chick survival of an upland bird. *Ibis* 155(3): 456-463.
- Forman, R. T. T. 2000. Estimate of the area affected ecologically by the road system in the United States. *Conservation Biology* 14:31-35.
- Forman, R. T. T., and L. E. Alexander. 1998. Roads and their ecological effects. *Annu.Rev.Ecol.Syst.* 29:207-231.
- Freese, M.T. 2009. Linking greater sage-grouse habitat use and suitability across spatiotemporal scales in central Oregon. M.S. thesis, Oregon State University, Corvallis, Oregon. 123 pp.
- Friedlingstein, P., R.M. Andrew, J. Rogelj, G.P. Peters, J.G. Canadell, R. Knutti, G. Luderer, M.R. Raupach, M. Schaeffer, D.P. van Vuuren, C. Le Quere. 2014. Persistent growth of CO2 emissions and implications for reaching climate targets. *Nature Geoscience* 7(10): 709-715pp.
- Friggens, M.M., M.V. Warwell, J.C. Chambers, and S.G. Kitchen. 2012. Modeling and predicting vegetation response of Western USA grasslands, shrublands, and deserts to climate change. Pages 1-20 in Finch, D.M., ed. *Climate change in grasslands, shrublands, and deserts of the interior American West: a review and needs assessment*. General technical Report. RMRS-GTR-285. Fort Collins, Colorado. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 139 pp.
- Frye et al. 2014 – scientific use**
- Fuss, S., J.G. Canadell, G.P. Peters, M. Tavoni, R.M. Andrew, P. Ciais, R.B. Jackson, C.D. Jones, F. Kraxner, N. Nakicenovic, C. LeQuere, M.R. Raupach, A. Sharifi, P. Smith, and Y. Yamagata. 2014. Betting on negative emissions. *Nature Climate Change* 4(10): 850-853.
- Gardali, T., N.E. Seavy, R.T. DiGaudio, and L.A. Comrack. 2012. A climate change vulnerability assessment of California's At-Risk Birds. *PLoS One* 7(3): e29507. Doi:10.1371/journal.pone.0029507.
- Garrott, R.A. and M.K. Oli. 2013. A critical crossroad for BLM's wild horse program. *Science* 341:847–848.
- Garton, E.O., J.W. Connelly, J.S. Horne, C.A. Hagen, A. Moser, and M.A. Schroeder. 2011. Greater sage-grouse population dynamics and probability of persistence. In *Greater sage-grouse: ecology and conservation of a landscape species and its habitats*. S.T. Knick and J.W. Connelly, editors. *Studies in Avian Biology*. Volume 38:293–381.
- Garton et al. 2015 – In review – intro**
- Gelbard, J.L. and J. Belnap. 2003. Roads as conduits for exotic plant invasions in a semiarid landscape. *Conservation Biology* 17:420-432.

George, T.L., L.C. McEwen, and B.E. Peterson. 1995. Effects of grasshopper control programs on rangeland breeding bird populations. *Journal of Range Management* 48:336–342.

Gerland, P., A.E. Raftery, H. Ševčíková, N. Li, D. Gu, T. Spoorenberg, L. Alkema, B.K. Fosdick, J. Chunn, N. Lalic, G. Bay, T. Buettner, G.K. Heilig, and J. Wilmoth. 2014. World population stabilization unlikely this century. *Science* 346 (6206): 234-237.

Gibbons, D., C. Morrissey, and P. Mineau. 2015. A review of the direct and indirect effects of neonicotinoids and fipronil on vertebrate wildlife. *Environmental Science and Pollution Research* 22:103–118.

Gibson, D., E. Blomberg, and J. Sedinger. 2013. Dynamics of Greater Sage-grouse (*Centrocercus urophasianus*) Populations in Response to Transmission Lines in Central Nevada. :68.

Comment [JD11]: Citation source, volume, and pp. #s?

Gibson, R. M., and J. W. Bradbury. 1985. Sexual selection in lekking sage grouse: phenotypic correlates of male mating success. *Behavioral Ecology and Sociobiology* 18: 117-123.

Gibson, R. 1998. Effects of hunting on the population dynamics of two sage grouse populations in Mono County, California. *Western Sage and Columbian Sharptailed Grouse Workshop*. 21:15.

Gibson, R.M., V.C. Bleich, C.W. McCarthy, and T.L. Russi. 2011. Hunting lowers population size in greater sage-grouse. *Studies in Avian Biology* 39: 307–315.

Gillan, J. K., E. K. Strand, J. W. Karl, K. P. Reese, and T. Laninga. 2013. Using spatial statistics and point-pattern simulations to assess the spatial dependency between greater sage-grouse and anthropogenic features. *Wildlife Society Bulletin* 37:301-310.

Gilpin and Hanski 1991 - intro

Comment [AB12]: Found a Hanski and Gilpin 1991- "Metapopulation dynamics: brief history and conceptual domain"- is that the correct citation?

Global Climate Change Impacts in U.S. 2009 – renewable energy

Global Climate Change Impacts in the United States. 2009. Report. Web accessed, March 2013. <http://nca2009.globalchange.gov/>.

Comment [DP13]: May be the same but the second was cited in climate change...

Global Climate Change Impacts in the United States. 2009. Thomas R. Karl, Jerry M. Melillo, and Thomas C. Peterson,(eds.). Cambridge University Press. 196 pp.

Comment [DP14]: May be the same as above, but this version was cited in the drought chapter

Goddard et al. 2002 - disease

Goddard, L.B., A.B. Roth, W.K. Reisen, and T.W. Scott. 2003. Vertical transmission of West Nile virus by three California *Culex* (Diptera: Culicidae) species. *Journal of Medical Entomology* 40:743-745.

Gratson, M. W. 1993. Sexual selection for increased male courtship and acoustic signals and against large male size at sharp-tailed grouse leks. *Evolution* 47:691-696.

- Gregg, M.A. 1991. Use and selection of nesting habitat by sage grouse in Oregon. M.S. Thesis, Oregon State University, Corvallis, OR. 56 pp.
- Gregg, M.A., J.A. Crawford, M.S. Drut, and A.K. DeLong. 1994. Vegetational cover and predation of sage grouse nests in Oregon. *Journal of Wildlife Management* 58:162-166.
- Gregg, M.A., M.R. Dunbar, and J.A. Crawford. 2007. Use of implanted radiotransmitters to estimate survival of greater sage-grouse chicks. *Journal of Wildlife Management* 71(2):646-651.
- Gregg, M.A., J.K. Barnett, and J.A. Crawford. 2008. Temporal variation in diet and nutrition of preincubating greater sage-grouse. *Rangeland Ecology and Management* 61:535-542.
- Gregg, M. A., and J. A. Crawford. 2009. Survival of greater sage-grouse chicks and broods in the northern Great Basin. *Journal of Wildlife Management* 73:904–913.
- Gregory, A.J. and J.L. Beck. 2014. Spatial heterogeneity in response to male greater sage-grouse lek attendance to energy development. *PLoS ONE* 9(6): e97132. Doi:10.1371/journal.pone.0097132.
- Grisham, B.A., C.W. Boal, D.A. Haukos, D.M. Davis, K.K. Boydston, C. Dixon, and W.R. Heck. 2013. The predicted influence of climate change on lesser prairie-chicken reproductive parameters. *PloS One* 8(7): e68225.
- Guttry, M.R., D.K. Dahlgren, T.A. Messmer, J.W. Connelly, K.P. Reese, P.A. Terletzky, N. Burkepile, and D.N. Koons. 2013. Effects of landscape-scale environmental variation on greater sage-grouse chick survival. *PloS One* 8(6): e65582.
- Guttry et al. 2014 – climate change
- Guttry et al. in press - hunting
- Hagen, C.A. 1999. Sage grouse habitat use and seasonal movements in a naturally fragmented landscape, Northwestern Colorado. M.S. Thesis, University of Manitoba, Winnipeg, Canada. 148 pp.
- Hagen et al. 2001 - intro
- Hagen, C. 2005. Greater sage-grouse conservation assessment and strategy for Oregon: a plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife, Salem, OR. 160 pp.
- Hagen, C.A., B.E. Jamison, K.M. Giesen, and T.Z. Riley. 2004. Guidelines for managing lesser prairie-chicken populations and their habitats. *Wildlife Society Bulletin* 32(1):69-82.

Comment [DP15]: Guttry et al. 2013 is two separate papers. We need to make sure we are citing the correct one. The "other" paper is Gubber, M.R., T.A. Messmer, E.T. Thacker, N. Gruber and C.M. Culumber. 2013. Greater sage-grouse sex ratios in Utah: Implications for reporting population trends. *J. Wildl. Manage.* 77: 1593-1597

- Hagen, C.A., J.W. Connelly, and M.A. Schroeder. 2007. A meta-analysis of greater sage-grouse *Centrocercus urophasianus* nesting and brood-rearing habitats. *Wildlife Biology* 13:42–50.
- Hagen, C.A. 2011. Predation on greater sage-grouse facts, process, and effects. Pp. 95-100 in S.T. Knick and J.W. Connelly (editors). *Greater Sage-Grouse: Ecology and Conservation of a Landscape Species and its Habitats*. *Studies of Avian Biology* (vol. 38), University of California Press, Berkeley, CA.
- Hagen, C. 2011. Greater sage-grouse conservation assessment and strategy for Oregon: A Plan to Maintain and Enhance Populations and Habitat. Oregon Fish and Wildlife. 221 pp.
- Hagen, C.A., M.J. Willis, E.M. Glenn, and R.G. Anthony. 2011. Habitat selection by greater sage-grouse during winter in southeastern Oregon. *Western North American Naturalist* 71(4):529-538.
- Hanf, J.M., P.A. Schmidt, E.B. Groshens. 1994. Sage grouse in the high desert of central Oregon: Results of a study, 1988–1993. U.S. Department of the Interior, Bureau of Land Management, Prineville District. 84 pp.
- Hansen, A.J., R.L. Knight, J.M. Marzluff, S. Powell, K. Brown, P.H. Gude, and K. Jones. 2005. Effects of exurban development on biodiversity: patterns, mechanisms, and research needs. *Ecological Applications* 15(6):1893–1905.
- Hansen, J. A., D. Audet, B.L. Spears, K. A. Healy, R.E. Brazzle, D.J. Hoffman, A. Dailey, W.N. Beyer. 2011. Lead exposure and poisoning of songbirds using the Coeur d'Alene River Basin, Idaho, USA. *Integrated Environmental Assessment and Management* 7:587–595.
- Hanser, S. E., C. L. Aldridge, M. Leu, M. M. Rowland, S. E. Nielsen, and S. T. Knick. 2011. Greater sage-grouse: general use and roost site occurrence with pellet counts as a measure of relative abundance. Pages 112-140 in S. E. Hanser, M. Leu, S. T. Knick, and C. L. Aldridge, editors. *Sagebrush ecosystem conservation and management: ecoregional assessment tools and models for the Wyoming Basins*. Allen Press, Lawrence, KS.
- Hanser, S. E., and D. J. Manier. 2013. Greater sage-grouse national research strategy: U.S. Geological Survey scientific investigations report 2013-5167, 46 p. plus appendix, <http://pubs.usgs.gov/sir/2013/5167/>.
- Hanssen, S.A., D. Hasselquist, I. Folstad, and K.E. Erikstad. 2005. Cost of reproduction in a long-lived bird: incubation effort reduces immune function and future reproduction. *Proceedings: Biological Sciences* 272(1567):1039-1046.
- Harju, S.M., M.R. Dzialak, R.C. Taylor, L.D. Hayden, and J.B. Winstead. 2010. Thresholds and Time lags in the effects of energy development on greater sage-grouse populations. *Journal of Wildlife Management* 74: 437-448

- Harris, G. A. 1967. Some competitive relationships between *Agropyron spicatum* and *Bromus tectorum*. *Ecological monographs* 37:89–111.
- Hartzler, J.E. 1974. Predation and the daily timing of sage grouse leks. *Auk* 91(3):532-536.
- Hausleitner, D. 2003. Population dynamics, habitat use and movements of greater sage-grouse in Moffat County, Colorado. M.S. Thesis, University of Idaho. 183 pp.
- Havlina, D. W., P. Anderson, L. Kurth, K. E. Mayer, J. C. Chambers, C. Boyd, T. Christiansen, D. Davis, S. Espinosa, M. Ielmini, D. Kemner, J. D. Maestas, B. Meador, M. Pellant, J. Tague, and J. Vernon. 2015. Fire and Fuels Management Contributions to Sage-Grouse Conservation: A Status Report. Western Association of Fish and Wildlife Agencies. Unpublished Report. Cheyenne, Wyoming. 73 pp.
- Hayden-Wing Associates. 1983. Final report: Sage Grouse Study for the Caballo Rojo Mine, March
- Helmig, D., C. Thompson, J. Evans, J. Park. 2014. Highly elevated atmospheric levels of volatile organic compounds in the Uintah Basin, Utah. *Environmental science & technology* 48: 4707–4715.
- Hemstrom, M.A., M.J. Wisdom, W.J. Hann, M.M. Rowland, B.C. Wales, and R.A. Gravenmier. 2002. Sagebrush-steppe vegetation dynamics and restoration potential in the interior Columbia Basin, U.S.A. *Conservation Biology* 16:1243–1255.
- Herman-Brunson, K.M. 2007. Nesting and brood-rearing habitat selection of greater sage-grouse and associated survival of hens and broods at the edge of their historic distribution. South Dakota State University . 115 pp.
- Herman-Brunson et al. 2009 - intro
- Hess, J.E. and J.L. Beck. 2012a. Burning and mowing Wyoming big sagebrush: Do treated sites meet minimum guidelines for greater sage-grouse breeding habitats? *Wildlife Society Bulletin* 36(1):85–93. DOI: 10.1002/wsb.92
- Hess, J.E., and Beck, J.L. 2012b. Disturbance factors influencing greater sage-grouse lek abandonment in north-central Wyoming. *Journal of Wildlife Management* 76:1625-1634.
- Hicks, D.L. 1992. The effects of dog training on sharp-tailed grouse in Manitoba. M.S. Thesis, University of Manitoba, Winnipeg, Manitoba, Canada. 145 pp.
- Hockett, B. 2007. Nutritional Ecology of Late Pleistocene to Middle Holocene Subsistence in the Great Basin: Zooarchaeological Evidence from Bonneville Estates Rockshelter. pp. 204-230. In C. Britt Bousman and Bradley J. Vierra, eds. *From the Pleistocene to the Holocene: Human Organization and Cultural Transformations in Prehistoric North America*. TexasA&M University Press. 327 pages.

Comment [DP16]: Verify year, cited as 2014 in infrastructure chapter

Comment [AB17]: Just verified – it is 2015. Updated in infrastructure chapter of FR.

Comment [DP18]: Maybe 2007?

- Hoffman, D.J. and M.L. Gay. 1981. Embryotoxic effects of benzo[a]pyrene, chrysene, and 7,12-dimethylbenz[a]anthracene in petroleum hydrocarbon mixtures in mallard ducks. *Journal of Toxicology and Environmental Health* 7:775–787.
- Holloran, M.J. 2005. Greater sage-grouse (*Centrocercus urophasianus*) population response to natural gas field development in western Wyoming. Ph.D Thesis, University of Wyoming, Laramie, WY. 215 pp.
- Holloran, M.J., and S.H. Anderson. 2003. Direct identification of northern sage-grouse, *Centrocercus urophasianus*, nest predators using remote sensing cameras. *Canadian Field Naturalist* 117(2):308-310.
- Holloran, M.J., and S.H. Anderson. 2005. Spatial distribution of greater sage-grouse nests in relatively contiguous sagebrush habitats. *Condor* 107(4):742-752.
- Holloran, M. J., B. J. Heath, A.G. Lyon, S.J. Slater, J.L. Kuepers, and S. H. Anderson. 2005. Greater Sage-grouse Nesting Habitat Selection and Success in Wyoming. *J. Wildl. Manage.* 69: 638-649.
- Holloran, M.J., R.C. Kaiser, and W.A. Hubert. 2007. Population response of yearling greater sage-grouse to the infrastructure of natural gas fields in southwestern Wyoming. Completion Report, U.S. Geological Survey, Laramie, WY. 34 pp.
- Holloran, M.J., R.C. Kaiser, and W.A. Hubert. 2010. Yearling greater sage-grouse response to energy development in Wyoming. *Journal of Wildlife Management* 74: 65-72.
- Holloran, M.J., B.C. Fedy, J. Dahlke. 2015. Winter habitat use of greater sage-grouse relative to activity levels at natural gas well pads. *Journal of Wildlife Management* 79: 630-640.
- Honess R.F. and G. Post 1968. History of an epizootic in sage-grouse: Part 1 – sage-grouse coccidiosis and Part 2 – Coccidial species affecting sage-grouse. Science Monograph 14, Agricultural Experiment Station, University of Wyoming, Laramie, WY. 32 pp.
- Hornaday, W.T. 1916. Save the sage grouse from extinction: A demand from civilization to the western states. *N.Y. Zoological Park Bulletin* 5:179-219.
- Hovick, T.J., Elmore, R.D., Dahlgren, D.K., Fuhlendorf, S.D., and D.M. Engle. 2014. Evidence of negative effects of anthropogenic structures on wildlife: a review of grouse survival and behavior. *Journal of Applied Ecology* 51:1680-1689.
- Howe, K.B., and P.S. Coates. 2014. Observations of Territorial Breeding Common Ravens Caching Eggs of Greater Sage-grouse. *Journal of Fish and Wildlife Management* 5(2):13.
- Howe, K.B., P.S. Coates, and D.J. Delehanty. 2014. Selection of anthropogenic features and vegetation characteristics by nesting common ravens in the sagebrush ecosystem. *The Condor* 116(1):35-49.

Hulbert, L. C. 1955. Ecological studies of *Bromus tectorum* and other annual brome grasses. Ecological Monographs 25:181–213. Ielmini, M., T. Hopkins, K. E. Mayer, K. Goodwin, C. Boyd, B. Meador, M. Pellant, T. Christiansen, 2015. Invasive Plant Management and Greater Sage-grouse Conservation: A Review and Status Report with Strategic Recommendations for Improvement. Western Association of Fish and Wildlife Agencies. Unpublished Report. Cheyenne, Wyoming.

Hulet, B. V. 1983. Selected responses of sage grouse to prescribed fire, predation, and grazing by domestic sheep in southeastern Idaho. Thesis. Brigham Young University, Provo, Utah, USA.

Hulet 1986

Comment [AB19]: There's a Hulet et al. 1986, could that be correct? "Seasonal movements and habitat selection of sage grouse in southern Idaho"

Hupp and Braun 1987

Comment [AB20]: There's a Hupp and Braun 1989, could that be it "Endogenous reserves of adult male sage grouse during courtship" Incorrect page numbers though...

Hupp, J.W., and C.E. Braun. 1991. Geographic variation among sage-grouse in Colorado. Wilson Bulletin 103: 255-261.

Huwer, S. L., D. R. Anderson, T. E. Remington, and G. C. White. 2008. Using human imprinted chicks to evaluate the importance of forbs to sage-grouse. Journal of Wildlife Management 72:1622–1627.

Ibrahim, H. and K. A. Cordes. 2008. Outdoor recreation: enrichment for a lifetime. Sagamore Publishing, Champaign, IL. 24 pp.

Idaho Department of Lands. 2015. Greater Sage-Grouse Conservation Plan. Idaho Department of Lands, Boise, ID. 86 pp.

Idaho National Engineering and Environmental Laboratory. 2003. Western United States geothermal reserves. Publication Number INEEL/MISC-0301046 Rev. 1. Prepared for the U.S. Department of Energy Office of energy efficiency and Renewable Energy Geothermal Technologies Program. 1 p.

Ielmini et al. 2015 - invasives

IHS Incorporated. 2006. Data on historic and current oil and gas well locations.

Intergovernmental Panel on Climate Change (IPCC). 2007. Climate Change 2007: Synthesis Report. adopted section by section at IPCC Plenary XXVII (Valencia, Spain, 12-17 November 2007). 73 pp.

Intergovernmental Panel on Climate Change (IPCC). 2013. Summary for policymakers. In: Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Stocker, T.F., D. Qin, G.-K. Plattner, M. Tignor, S.K. Allen, J. Boschung, A. Nauels, Y. Xia, V. Bex and P.M. Midgley (eds.)]. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Johnsgard, P.A. 2002. Grassland grouse and their conservation. Smithsonian Institution Press, Washington and London. 157 pp.

Johnson, D.D., and R. F. Miller. 2006. Structure and development of expanding western juniper woodlands as influenced by two topographic variables. *Forest Ecology and Management* 229: 7–15.

Johnson, D.J., Holloran, M.J., Connelly, J.W., Hanser, S.E., Amundson, C.L., and Knick, S.T. 2011. Influences of environmental and anthropogenic features on greater sage-grouse population, 1997–2007. In *Greater sage-grouse: ecology and conservation of a landscape species and its habitats*. S.T. Knick and J.W. Connelly, editors. *Studies in Avian Biology*. Pp. 407–450.

Johnson, G.D. and M.S. Boyce. Feeding trials with insects in the diet of sage grouse chicks. 1990. *Journal of Wildlife Management* 54:89–91.

Johnson, G.D. and M.S. Boyce. 1991. Survival, growth, and reproduction of captive-reared sage grouse. *Wildlife Society Bulletin* 19:88-93.

Johnson, G. and M. Holloran. 2010. Greater sage-grouse and wind energy development a review of the issues. Renewable Northwest Project, www.RNP.org.

Johnson 2008 – intro

Comment [DP21]: Johnson2007?

Johnson and Rowland 2007 - intro

Johnson, D.J., M.J. Holloran, J.W. Connelly, S.E. Hanser, C.L. Amundson, and S.T. Knick. 2011. Influences of environmental and anthropogenic features on greater sage-grouse population, 1997–2007. Chapter 17 In Knick, S.T. and J.W. Connelly (eds). *Greater sage-grouse: ecology and conservation of a landscape species and its habitats*. *Studies in Avian Biology* (vol. 38). University of California Press. Berkeley, CA. pp. 407–450.

Johnson, K.H. and C.E. Braun. 1999. Viability and conservation of an exploited sage grouse population. *Conservation Biology* 13:77–84.

Johnson, M.K., and R.M. Hansen. 1979. Coyote food habits on the Idaho National Engineering Laboratory. *Journal of Wildlife Management* 43(4):951-956.

Johnson, R.E., and K.M. Cassidy. 1997. Terrestrial mammals of Washington State: Location data and predicted distribution. Washington State gap analysis. Washington Cooperative Fish and Wildlife Research Unit, University of Washington, Seattle.

Jones, P. F. 2014. Scarred for life: the other side of the fence debate. *Human–Wildlife Interactions* 8(1):150–154.

Kaczor, N.W. 2008. Nesting and brood-rearing success and resource selection of greater sage-grouse in northwestern South Dakota. Master of Science. South Dakota State University.

- Kahn, N.W., C.E. Braun, J.R. Young, S. Wood, D.R. Mata, and T.W. Quinn. 1999. Molecular analysis of genetic variation among large- and small-bodied sage grouse using mitochondrial control-region sequences. *Auk* 116: 819-824.
- Kaiser, R. C. 2006. Recruitment by Greater Sage-Grouse in association with natural gas development in Western Wyoming. M.S. thesis, University of Wyoming, Laramie, WY.
- Kennedy, A. C., B. N. Johnson, and T. L. Stubbs. 2001. Host range of a deleterious rhizobacterium for biological control of downy brome. *Weed Science* 49:792–797.
- Kennedy, V.H., A.D. Horrill, and F.R. Livens. 1990. Radioactivity and wildlife. Institute of Terrestrial Ecology. Natural Environment Research Council. 89 pp.
- Kilpatrick, S. 2000. Using prescribed fire to manage sagebrush communities in occupied sage grouse habitats of Wyoming. Twenty-second Western States Sage & Columbian Sharp tailed Grouse Symposium, Redmond, Oregon. 10 pp.
- Kinter, C. L., B. A. Meador, N. L. Shaw, and A. L. Hild. 2007. Postfire invasion potential of rush skeleton weed (*Chondrilla juncea*). *Rangeland Ecology and Management* 60:386–394.
- Kirol, C.P., 2012, Quantifying habitat importance for Greater Sage-Grouse population persistence in an energy development landscape: Laramie, University of Wyoming, M.S. thesis
- Kirol, C. P., J. L. Beck, J. B. Dinkins, and M. R. Conover. 2012. Microhabitat selection for nesting and brood rearing by the greater sage-grouse in xeric big sagebrush. *Condor* 114:75–89.
- Kirol, C.P., A.L. Sutphin, L. Bond, M.R. Fuller, and T.L. Maechtle. Mitigation effectiveness for improving nesting success of greater sage-grouse influenced by energy development. 2015 *Wildlife Biology* 21: 98–109.
- Klebenow, D.A. and G.M. Gray. 1968. Food habits of juvenile sage grouse. *Journal of Range Management* 21:80-83.
- Klebenow, D.A. 1969. Sage grouse nesting and brood habitat in Idaho. *Journal of Wildlife Management* 33:649-662.
- Klebenow, D.A. 1970. Sage grouse versus sagebrush control in Idaho. *Journal of Range Management* 23:396–400.
- Klebenow, D. A. 1982. Livestock grazing interactions with sage grouse. Wildlife-livestock relationships symposium: Proceedings 10: 113–123.
- Knapp, P. A. 1996. Cheatgrass (*Bromus tectorum*) dominance in the Great Basin desert. *Global Environmental Change* 6:37–52.

- Knick, S.T. 1999. Requiem for a sagebrush ecosystem? *Northwest Science* 73:53–57.
- Knick, S.T., D.S. Dobkin, J.T. Rotenberry, M.A. Schroeder, W.M. Vander Haegen, and C. Van Riper III. 2003. Teetering on the edge or too late? Conservation and research issues for avifauna of sagebrush habitats. *Condor* 105:611–634.
- Knick, S.T. 2011. Historical development, principal federal legislation, and current management of sagebrush habitats: implications for conservation. *In* S.T. Knick, and J.W. Connelly, eds. Greater sage-grouse: ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*. 38th. University of California Press, Berkeley, USA.
- Knick, S.T., and J.W. Connelly. 2011. Greater sage-grouse and sagebrush: an introduction to the landscape. *In* S.T. Knick, and J.W. Connelly, eds. Greater sage-grouse: ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*. 38th. University of California Press, Berkeley, USA.
- Knick, S.T., and S.E. Hanser. 2011. Connecting pattern and process in greater sage-grouse populations and sagebrush landscapes. *In* S.T. Knick, and J.W. Connelly, eds. Greater sage-grouse: ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*. 38th. University of California Press, Berkeley, USA.
- Knick, S.T., S.E. Hanser, R.F. Miller, D.A. Pyke, M.J. Wisdom, S.P. Finn, E.T. Rinkes, and C.J. Henny. 2011. Ecological influence and pathways of land use in sagebrush. Chapter 12 *In* Knick, S.T., and J.W. Connelly, eds. Greater sage-grouse – ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*: 38. Berkeley, CA. University of California Press. pp. 203–251
- Knick, S. T., S. E. Hanser, and K. L. Preston. 2013. Modeling ecological minimum requirements for distribution of greater sage-grouse leks: Implications for population connectivity across their western range, U.S.A. *Ecology and Evolution* 3:1539–1551.
- Knight, J. 2009. Making wildlife viewable: habituation and attraction. *Society and Animals* 17:167–184.
- Knight, R. L., and J. Y. Kawashima. 1993. Responses of raven and red-tailed hawk populations to linear right-of-ways. *Journal of Wildlife Management* 57:266–271.
- Koch, R.E., A.H. Krakauer, and G.L. Patricelli. 2015. Investigating female mate choice for mechanical sounds in the male greater sage-grouse. *Auk* 132: 349–358.
- Komar, N., S. Langevin, S. Hinten, N. Nemeth, E. Edwards, D. Hettler, B. Davis, R. Bowen, and M. Bunting. 2003. Experimental infection of North American birds with the New York 1999 strain of West Nile virus. *Emerging Infectious Diseases* 9:311–323.
- Kristan III, W.B., W.I. Boarman, and J.J. Crayon. 2004. Diet composition of common ravens across the urban-wildland interface of the West Mojave Desert. *Wildlife Society Bulletin* 32(1):244–253.

- Kyser, G. B., J. M. DiTomaso, M. P. Doran, S. B. Orloff, R. G. Wilson, D. L. Lancaster, D. F. Lile, and M. L. Porath. 2007. Control of medusahead (*Taeniatherum caput-medusea*) and other annual grasses with Imazapic. *Weed Technology* 21:66–75).
- Lacey, L.A. 2007. *Bacillus thuringiensis* serovariety *israelensis* and *Bacillus sphaericus* for mosquito control. *Journal of the American Mosquito Control Association* 23(sp2): 133–163.
- LANDFIRE: LANDFIRE 1.3.0 Existing Vegetation Type layer. U.S. Department of the Interior, Geological Survey. [Online]. Available: <http://landfire.cr.usgs.gov/viewer/>. [2013, March 31].
- Larson, D. L., J. B. Grace, and J. L. Larson. 2008. Long-term dynamics of leafy spurge (*Euphorbia esula*) and its biocontrol agent, flea beetles in the genus *Aphthona*. *Biological Control* 47:250–226.
- Larson, D.L., W.E. Newton, P.J. Anderson, and S.J. Stein. 1999. Effects of fire retardant chemical and fire suppressant foal on shrub steppe vegetation in northern Nevada. *International Journal of Wildland Fire* 9:115–127.
- Lawrence, J.S., and N.J. Silvy. 1995. Effect of predator control on reproductive success and hen survival of Attwater's prairie-chicken. Pages 275-282 *In* Proceedings of the Southeastern Association of Fish and Wildlife Agencies, 49, 7 pp.
- LeBeau, C. L. 2012. Evaluation of Greater Sage-Grouse Reproductive Habitat and Response to Wind Energy Development in South-Central, Wyoming. M.S. in Rangeland Ecology and Watershed Management, University of Wyoming.
- LeBeau, C.W., J.L. Beck, G.D. Johnson, and M.J. Holloran. 2014. Short-term impacts of wind energy development on greater sage-grouses fitness. *The Journal of Wildlife Management* 78(3):522-530.
- Legends of the West. 2014. Nevada Legends: Comstock Lode: Creating Nevada History. Website: <http://www.legendsofamerica.com/nv-comstocklode.html>. Accessed December 11, 2014.
- Lenth, B.E., R.L. Knight, M.E. Brennan. 2008. The effects of dogs on wildlife communities. *Natural Areas Journal* 28:218–227.
- Leonard, K.A., 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 1950s to the 1990s. *Wildlife Biology* 6:265-270.
- Le Quéré, C., G.P. Peters, R.J. Andres, R.M. Andrew, T. Boden, P. Ciais, *et al.* 2014. Global carbon budget 2013. *Earth System Science Data* 6: 235-263.
- Lesica, P., S.V. Cooper, and G. Kudray. 2007. Recovery of big sagebrush following fire in southwest Montana. *Rangeland Ecology and Management* 60:261–269.

- Leu, M., S.E. Hanser, and S.T. Knick. 2008. The human footprint in the west: A large scale analysis of anthropogenic impacts. *Ecological Applications* 18:1119-1139.
- Leu, M. and S.E. Hanser. 2011. Influences of the human footprint on sagebrush landscape patterns: Implications for sage-grouse conservation. Pp. 253–272 in S. T. Knick and J. W. Connelly (editors). *Greater Sage-Grouse: ecology and conservation of a landscape species and its habitats*. Studies in Avian Biology (vol. 38), University of California Press, Berkeley, CA.
- Lewis, J. 1998. Looking backward: a historical perspective on environmental regulations. *EPA Journal* 14: 26–29.
- Link, S.O., C.W. Keeler, R.W. Hill, and E. Hagen. 2006. *Bromus tectorum* cover mapping and fire risk. *International Journal of Wildland Fire* 15:113–119.
- Livingston, M.F. 1998. Western sage grouse management plan (1 October 1998 to 30 September 2003), Yakima Training Center. 76 pp.
- Lockyer, Z. B. 2012. Greater sage-grouse (*Centrocercus urophasianus*) nest predators, nest survival, and nesting habitat at multiple spatial scales. Thesis. Idaho State University, Pocatello, ID.
- Lockyer, Z. B., P. S. Coates, M. L. Casazza, S. P. Espinosa, and D. J. Delehanty. 2013. Greater Sage-Grouse Nest Predators in the Virginia Mountains of Northwestern Nevada. *Journal of Fish and Wildlife Management* 4:242-266.
- Loomis, J.B. 2001. *Integrated Public Lands Management: Principles and Applications to National Forests, Parks, Wildlife Refuges, and BLM Lands*, Second Edition. Columbia University Press: New York.
- Luginbuhl, J.M., J.M. Marzluff, J.E. Bradley, M.G. Raphael, and D.E. Varland. 2001. Corvid survey techniques and the relationship between corvid relative abundance and nest predation. *Journal of Field Ornithology* 72(4):556-572.
- Lyon, A.G. 2000. The potential effects of natural gas development on sage-grouse (*Centrocercus urophasianus*) near Pinedale, Wyoming. M.S. Thesis, University of Wyoming, Laramie, WY. 129 pp.
- Lyon, A.G. and S.H. Anderson. 2003. Potential gas development impacts on sage grouse nest initiation and movement. *Wildlife Society Bulletin* 31:486-491.
- Macey, G.P., R.Breech, M. Chernaik, C. Cox, D. Larson, D. Thomas, and D.O. Carpenter. 2014. Air concentrations of volatile compounds near oil and gas production: a community-based exploratory study. *Environmental Health Journal* 13:1–18.
- Mack, R. N. 1981. Invasion of *Bromus tectorum* L. into western North America: an ecological chronical. *Agro-ecosystems* 7:145–165.

- Mack, R. N., and D. A. Pyke. 1983. Demography of *Bromus tectorum*: variation in time and space. *Journal of Ecology* 71: 69–93.
- Mack, R. N. 2011. Fifty years of “waging war on cheatgrass”: re-search advances, while meaningful control languishes. In: Richardson DM, Ed. *Fifty years of invasion ecology*. Oxford:Wiley. p. 253–65.
- Macey, G.P., R. Breech, M. Chernaik, C. Cox, D. Larson, D. Thomas, and D. O. Carpenter. 2014. Air concentrations of volatile compounds near oil and gas production: a community-based exploratory study. *Environmental Health* 13: 18pp.
- Maestas J. D. and S.B. Campbell. 2014. Mapping Potential Ecosystem Resilience and Resistance across Sage-Grouse Range using Soil Temperature and Moisture Regimes. Fact sheet, Sage-Grouse Initiative. 4 pp.
- Maier, A.M., B.L. Perryman, R.A. Olson, and A.L. Hild. 2001. Climatic influences on recruitment of 3 subspecies of *Artemisia tridentata*. *Journal of Range Management* 54:699–703.
- Manier, D.J., Wood, D.J.A., Bowen, Z.H., Donovan, R.M., Holloran, M.J., Juliusson, L.M., Mayne, K.S., Oyler-McCance, S.J., Quamen, F.R., Saher, D.J., and Titolo, A.J. 2013. Summary of science, activities, programs, and policies that influence the rangewide conservation of Greater Sage-Grouse (*Centrocercus urophasianus*). U.S. Geological Survey Open-File Report 2013–1098, 170 p. Available online at <http://pubs.usgs.gov/of/2013/1098/>.
- Manville, A. M. 2002. Bird stikes and electrocutions at power lines, communication towers, and wind turbines: state of the art and state of the science - next steps toward mitigation. 3rd International Partners in Flight International Conference :23.
- Manzer, D.L., and S.J. Hannon. 2005. Relating grouse nest success and corvid density to habitat: a multi-scale approach. *Journal of Wildlife Management* 69(1):110-123.
- Marra, P.P., S. Griffing, C. Caffrey, A.M. Kilpatrick, R. McLean, C. Brand, E. Saito, A.P. Dupuis, L. Kramer, and R. Novak. 2004. West Nile virus and wildlife. *BioScience* 54:393-402.
- Martin, N.S. 1970. Sagebrush control related to habitat and sage grouse occurrence. *Journal of Wildlife Management* 34:313–320.
- McArthur, E.D. 1994. Ecology, distribution, and values of sagebrush within the intermountain region. Pages 347-351 In Monsen, S.B. and S.G. Kitchen, comps. *Proceedings: Ecology and management of annual rangelands*. General Technical Report INT-GTR-313. U.S. Department of Agriculture, U.S. Forest Service, Intermountain Research Station. 416 pp.
- McDowell, M.K.D. 2000. The effects of burning in mountain big sagebrush on key sage grouse habitat characteristics in southeastern Oregon. Oregon State University. Corvallis, Oregon. 62 pp.

- McEwen, L.C. and R.L. Brown. 1966. Acute toxicity of dieldrin and malathion to wild sharp-tailed grouse. *Journal of Wildlife Management* 30:604–611.
- McInnis M.L. and M. Vavra. 1987. Dietary relationships among feral horses, cattle, and pronghorn in southeastern Oregon. *Journal of Range Management*. 40(1):60–66.
- McLean, R.G. 2006. West Nile virus in North American birds. *Ornithological Monographs* 60:44–64.
- Mealor, B. A., S. Cox, and D. T. Booth. 2012. Postfire down brome (*Bromus tectorum*) invasion at high elevations in Wyoming. *Invasive Plant Science and Management* 5:427–435.
- Melgoza, G., R. S. Nowak, and R. J. Tausch. 1990. Soil water exploitation after fire: competition between *Bromus tectorum* (cheatgrass) and two native species. *Oecologia* 83:7–13.
- Menard, C., P. Duncan, G. Fleurance, J-Y. Georges, and M. Lila. 2002. Comparative foraging and nutrition of horses and cattle in European wetlands. *Journal of Applied Ecology* 39:120–133.
- Menoni, E. and Y. Magnani. 1998. Human disturbance of grouse in France. *Grouse news* (Newsletter of the IUCN Grouse Specialist Group) 15:4–8.
- Mensing, S., S. Livingston, and P. Barker. 2006. Long-term fire history in Great Basin sagebrush reconstructed from macroscopic charcoal in spring sediments, Newark Valley, Nevada. *Western North American Naturalist* 66:64–77.
- Messmer, T. A., R. Hasenyager, J. Burruss, and S. Liguori. 2013. Stakeholder contemporary knowledge needs regarding the potential effects of tall structures on sage-grouse. *Human–Wildlife Interactions* 7:273–298.
- Meyer S. E., S. C. Garvin, and J. Beckstead. 2001. Factors mediating cheatgrass invasion of intact salt desert shrubland. In: McArthur, D. E.; Fairbanks, D. J., comps. *Shrubland ecosystem genetics and biodiversity: proceedings*. Proc. RMRS-P-21. Ogden UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station: 224–232.
- Mezquida, E.T., S.J. Slater, and C.W. Benkman. 2006. Sage-grouse and indirect interactions: Potential implications of coyote control on sage-grouse populations. *Condor* 108(4):747–759.

Milchunas et al. 2000 – military activities

- Miller, H., C. D. Clausnitzer, and M. M. Borman. 1999. Medusahead. Pp. 271–281 in R. L. Sheley and J. K. Petroff (editors). *Biology and management of noxious rangeland weeds*. Oregon State University Press, Corvallis, OR.

- Miller, R.F. and J.A. Rose. 1999. Fire history and western juniper encroachment in sagebrush steppe. *Journal of Range Management* 52:550-559.
- Miller, R.F., T.J. Svejcar, J. A. Rose. 2000. Impacts of western juniper on plant community composition and structure. *Journal of Range Management* 53:574– 585.
- Miller, R.F. and L.L. Eddleman. 2000. Spatial and temporal changes of sage grouse habitat in the sagebrush biome. Oregon State University Agricultural Experiment Station, Technical Bulletin 151. 37 pp.
- Miller, R.F. and L.L. Eddleman. 2001. Spatial and temporal changes of sage grouse habitat in the sagebrush biome. Oregon State University Agricultural Experiment Station, Technical Bulletin 151. 37 pp.
- Miller, R.F. and R.J. Tausch. 2001. The role of fire in juniper and pinyon woodlands: a descriptive analysis. Pages 15–30 In Galley, K.E.M. and T.P. Wilson, eds. *Proceedings of the invasive species workshop: The role of fire in the control and spread of invasive species. Fire Conference 2000: The First National Congress on Fire Ecology, Prevention, and Management. Miscellaneous Publication No. 11, Tall Timbers Research Station, Tallahassee, FL. 146 pp.*
- Miller, R.F.; Bates, J.D.; Svejcar, T.J.; Pierson, F.B.; Eddleman, L.E. 2005. Biology, ecology, and management of western juniper. Oregon State University Agricultural Experiment Station. Technical Bulletin 152. 77 p.
- Miller, R.F., R.J. Tausch, E.D. McArthur, D.D. Johnson, and S.C. Sanderson. 2008. Age structure and expansion of piñon-juniper woodlands: A regional perspective in the intermountain west. Research Paper Report RMRS-RP-69. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. Fort Collins, CO. 21 pp.
- Miller, R.F., S.T. Knick, D.A. Pyke, C.W. Meinke, S.E. Hanser, M.J. Wisdom, and A.L. Hild. 2011. Characteristics of sagebrush habitats and limitations to long-term conservation. Chapter 10 *In* Knick, S.T., and J.W. Connelly, eds. *Greater sage-grouse – ecology and conservation of a landscape species and its habitats. Studies in Avian Biology: 38.* Berkeley, CA. University of California Press. Pp. 145–184.
- Miller, R. F., J. Ratchford, B. A. Roundy, R. J. Tausch, A. Hulet, and J. Chambers. 2014. Response of conifer-encroached shrublands in the Great Basin to prescribed fire and mechanical treatments. *Rangeland Ecology and Management* 67:468–481.
- Milton, S.J., R.J. Dean, M.A. du Plessis, and W.R. Siegfried. 1994. A conceptual model of arid rangeland degradation. *BioScience* 44:70–76.
- Mineau, P. and C. Palmer. 2013. The impact of the nation’s most widely used insecticides on birds: neonicotinoid insecticides and birds. *American bird conservancy report.*

- Minerals Education Coalition. 2015. Minerals Database. Website: <http://www.mineralseducationcoalition.org/Minerals>. Accessed February 25, 2015.
- Mining.com. 2014. America finds massive source of lithium in Wyoming. Website: <http://www.mining.com/web/america-finds-massive-source-of-lithium-in-wyoming/>. Accessed December 17, 2014.
- Mineweb. 2014. U.S. Gold, Silver Production Down in 2012 - USGS. Website: <http://www.mineweb.com/mineweb/content/en/mineweb-mining-finance-investment-old?oid=175278&sn=Detail>. Accessed December 10, 2014.
- Montana Coal Council. 2015. Working for the Coal Industry in Montana. Website: <http://montanacoalcouncil.com/index.htm>. Accessed March 2, 2015.
- Montana Weed Control Association. 2008. The Montana Weed Management Plan. Montana Noxious Weed Summit Advisory Council, Weed Management Task Force. 100 pp.
- Mooney, H.A. and E.E. Cleland. 2001. The evolutionary impact of invasive species. *PNAS* 98:5446–5451.
- Moore, R. and T. Mills. 1977. An environmental guide to western surface mining. Part Two: Impacts, Mitigation, and Monitoring. FWS/OBS-78/04, U.S. Fish and Wildlife Service, Fort Collins, CO. 379 pp.
- Morris, L., T. Monaco, and R. Sheley. 2011. Land-use legacies and vegetation recovery 90 years after cultivation in Great Basin sagebrush ecosystems. *Rangeland Ecology and Management* 64(5):488-497.
- Mosley, J. 2011. Livestock fence laws: in versus out. *Big Sky Small Acres: Rural living in Montana Magazine*. 5(2):12-13.
- Mote, P.W., A.F. Hamlet, M.P. Clark, and D.P. Lettenmaier. 2005. Declining mountain snowpack in western North America. *Bulletin of the American Meteorological Society* 86(1): 39-49.
- Mote, P.W. 2006. Climate-driven variability and trends in mountain snowpack in Western North America. *Journal of Climate* 19(23): 6209-6220.
- Moynahan, B.J., M.S. Lindberg, and J.W. Thomas. 2006. Factors contributing to process variance in annual survival of female greater sage-grouse in Montana. *Ecological Applications* 16:1529-1538.
- Moynahan, B.J., M.S. Lindberg, J.J. Rotella, and J.W. Thomas. 2007. Factors affecting nest survival of greater sage-grouse in north central Montana. *Journal of Wildlife Management* 71:1773–1783.

- Murphy, T., D.E. Naugle, R. Eardley, J.D. Maestas, T. Griffiths, M. Pellant, and S.J. Stiver. 2013. Trial by fire: Improving our ability to reduce wildfire impacts to sage-grouse and sagebrush ecosystems through accelerated partner collaboration. *Rangelands* 35(3):2–10
- Naeem, S. 1998. Species Redundancy and Ecosystem Reliability. *Conservation Biology* 12: 39–45.
- Nasci, R.S., H.M. Savage, D.J. White, J.R. Miller, B.C. Cropp, M.S. Godsey, A.J. Kerst, P. Bennett, K. Gottfried, and R.S. Lanciotti. 2001. West Nile virus in overwintering *Culex* mosquitoes, New York City, 2000. *Emerging Infectious Diseases* 7(4): 742–744.
- National Drought Mitigation Center (NDMC). 2015. What is Drought? <http://drought.unl.edu/DroughtBasics/WhatIsDrought.aspx>. Accessed January 29, 2015.
- National Interagency Coordination Center (NIFC). 2014. Outlooks: Fire occurrence density by month. Available at <http://www.nifc.gov/nicc/predictive/outlooks/outlooks.htm>. Accessed December 31, 2014. 14 pp.
- National Interagency Coordination Center (NIFC). 2014. Total Wildlife Fires and Acres (1960 – 2009). https://www.nifc.gov/fireInfo/fireInfo_stats_totalFires.html. Accessed July 22, 2015.
- National Mining Association. 2014a. State by State Economic Contributions of Mining. Website: <http://nma.org/index.php/economic-statistics/state-by-state-economic-contributions-of-mining>. Accessed December 11, 2014.
- National Mining Association. 2014b. Mine Production Statistics 2008–2013. Website: http://nma.org/pdf/m_mine_production.pdf. Accessed January 21, 2015.
- National Petroleum Council. 2007. Hard Truths: Facing the hard truths about Energy. A comprehensive view to 2030 of global oil and natural gas. U.S. Department of Energy, Washington, D.C. 46 pp.
- National Renewable Energy Laboratory. 2008a. Photovoltaic and concentrating solar resource of the United States maps. U.S. Department of Energy. [<http://www.nrel.gov/gis/dolar.html>]. Accessed August 25, 2009.
- National Renewable Energy Laboratory. 2014. New 100-Meter Map Keeps Pace with Growing Wind Technology. <http://www.nrel.gov/wind/news/2014/14379.html>
- National Research Council. 1980. Wild and free-roaming horses and burros: Current knowledge and recommended research. Phase I Final Report of the Committee on Wild and Free-Roaming Horses and Burros. Board on Agriculture and Renewable Resources. Commission on Natural Resources. National Academy Press. Washington, D.C. 382 pp.
- National Academy of Sciences (NAS). 2013. Using science to improve the BLM wild horse and burro program: A way forward. Committee to review the Bureau of Land Management

Comment [DP22]: Reference in text is to 2015?

Comment [DP23]: Need to cross-reference to text on date

wild horse and burrow management program. National Research Council of the National Academies. The National Academies Press. Washington, D.C. Available online http://www.nap.edu/catalog.php?record_id=13511. 451 pp.

National Invasive Species Council. 2008. 2008–2012 National invasive species management plan. U.S. Department of the Interior, Office of the Secretary, Washington, DC. 36 pp.

National Oceanic and Atmospheric Administration (NOAA). National Climatic Data Center. 2012. State of the Climate: National Overview for Annual 2012, published online December 2012, retrieved on October 14, 2014 from <http://www.ncdc.noaa.gov/sotc/national/2012/13>.

National Oceanic and Atmospheric Administration (NOAA). 2014. 50 CFR Part 223. Endangered and threatened wildlife and plants: final listing determinations on proposal to list 66 reef-building coral species and to reclassify elkhorn and staghorn corals; final rule. Federal Register 79(175): 53852-54118.

National Wildlife Coordinating Group (NWCG). 1999. Recreation area fire prevention. National Interagency Fire Center, Boise, ID. 73 pp.

Natural Resource Conservation Service (NRCS). 2012. Applying the Sage-Grouse CEAP Conservation Insight Fence Collision Risk Tool to Reduce Bird Strikes. Pp 1-5.

Natural Resources Conservation Service. 2015. Outcomes in conservation sage grouse initiative. 55 pp.

Naugle, D.E., C.L. Aldridge, B.L. Walker, T.E. Cornish, B.J. Moynahan, M.J. Holloran, K. Brown, G.D. Johnson, E.T. Schmidtman, R.T. Mayer, C.Y. Kato, M.R. Matchett, T.J. Christiansen, W.E. Cook, T. Creekmore, R.D. Falise, E.T. Rinkes, and M.S. Boyce. 2004. West Nile virus: pending crisis for greater sage-grouse. *Ecology Letters* 7(8):704-713.

Naugle, D.E., C.L. Aldridge, B.L. Walker, K.E. Doherty, M.R. Matchett, J. McIntosh, T.E. Cornish, and M.S. Boyce. 2005. West Nile virus and sage-grouse: What more have we learned? *Wildlife Society Bulletin* 33(2):616-623.

Naugle, B.E., D.L. Walker, and K.E. Doherty. 2006. Sage-grouse population response to coal-bed natural gas development in the Powder River Basin: Interim progress report on region-wide lek count analyses. Report draft. 10 pp.

Naugle, D.E., K.E. Doherty, B.L. Walker, M.J. Holloran, and H.E. Copeland. 2011. Energy development and greater sage-grouse. Pages 489–503 in S.T. Knick, and J.W. Connelly, eds. *Studies in Avian Biology* 38, University of California Press, Berkeley, CA.

Neilson, R.P., J.M. Lenihan, D. Buchelet, and R.J. Drapek. 2005. Climate change implication for sagebrush ecosystems. *Transactions of the 70th North American Wildlife and Natural Resources Conference* 70:145–159.

Comment [DP24]: Misspelled in the climate change chapter

Nelle, P.J., K.P. Reese, and J.W. Connelly. 2000. Long-term effects of fire on sage grouse nesting. *Journal of Range Management* 53:586–591.

Nemeth, N.M., D.C. Hahn, D.H. Gould, and R.A. Bowe. 2006. Experimental West Nile virus infection in eastern screech owls (*Megascops asio*). *Avian Diseases* 50:252-258.

Nevada Mining Association. 2015. Nevada Mining History. Website: <http://www.nevadamining.org/howeare/history.php>. Accessed February 3, 2015

Nevada Department of Wildlife (NDOW). 2014. Shed antler regulation – Discussion/Outline. Lincoln CAB Meeting. 3 pp.

Nevada Public Utilities Commission 2015 – renewable energy

Norrdahl, K., and E. Korpimäki. 2000. Do predators limit the abundance of alternative prey? Experiments with vole-eating avian and mammalian predators. *Oikos* 91(3):528-540.

Northeast Wyoming Sage-Grouse Working Group 2014 – non-renewable

Nuclear Energy Institute (NEI). 2015. New nuclear plant status. <http://www.nei.org/Knowledge-Center/Map-of-US-Nuclear-Plants>. Accessed March 30, 2015.

NWCG. 2014. NWCG Glossary of Wildland Fire Terminology, PMS 205. 2014. Available at: www.nwcg.gov. 196 pp

Olsgard, M.L. 2007. Toxicological evaluation of inhalation exposure to benzene and toluene in a raptorial bird, the American kestrel, *Falco sparverius*. Master's thesis. University of Saskatchewan, Saskatoon, Canada. 204 pp.

Olsgard, M.L. G.R. Bortolotti, B.R. Trask, and J.E.G. Smits. 2008. Effects of inhalation exposure to a binary mixture of benzene and toluene on Vitamin A status and humoral and cell-mediated immunity in wild and captive American kestrels. *Journal of Toxicology and Environmental Health, Part A*. 71:1100–1108.

Olsgard, M.L., J. Smitts, and D. Bird. 2009. Exposure to inhaled benzene and toluene shows a paradoxical response in American kestrels. *Integrated Environmental Assessment Management* 5:177–178.

Oregon Department of Fish and Wildlife (ODFW). 2008. Comments submitted to the U.S. Fish and Wildlife Service regarding potential listing of Greater sage-grouse.

Oregon Department of Fish and Wildlife (ODFW). 2014. Comments submitted to the U.S. Fish and Wildlife Service regarding potential listing of Greater sage-grouse.

Norrdahl, K., and E. Korpimäki. 2000. Do predators limit the abundance of alternative prey? Experiments with vole-eating avian and mammalian predators. *Oikos* 91(3):528-540.

- Ouren, D.S., C. Haas, C.P. Melcher, S.C. Stewart, P.D. Ponds, N.R. Sexton, L. Burris, T. Fancher, and Z.H. Bowen. 2007. Environmental effects of off-highway vehicles on Bureau of Land Management lands. U.S. Geological Survey, Open-File Report 2007-1353. 225 pp.
- Oyler-McCance, S.J. and T.W. Quinn. 2011. Molecular insight into the biology of greater sage-grouse. In S.T. Knick, and J.W. Connelly, eds. Greater sage-grouse: ecology and conservation of a landscape species and its habitats. Studies in Avian Biology. 38th. University of California Press, Berkeley, USA.
- Oyler-McCance, S.J., N.W. Kahn, K.P. Burnham, C.E. Braun, and T.W. Quinn. 1999. A population genetic comparison of large- and small-bodied sage grouse in Colorado using microsatellite and mitochondrial DNA markers. *Molecular Ecology* 8: 1457-1465.
- Oyler-McCance, S.J., S.E. Taylor, and T.W. Quinn. 2005. A multilocus population genetic survey of greater sage-grouse across their range. *Molecular Ecology* 14:1293-1310.
- Parker, R.R., C.B. Philip, and G.E. Davis. 1932. Tularaemia: Occurrence in the sage hen, *Centrocercus urophasianus*. *Public Health Reports* 47:479-487.
- Patricelli, G.L., J.L. Blickley, and S. L. Hooper. 2013. Recommended management strategies to limit anthropogenic noise impacts on greater sage-grouse in Wyoming. *Human-Wildlife Interactions* 7(2):230-249.
- Patterson, R.L. 1952. The sage grouse in Wyoming. Wyoming Game and Fish Commission, Sage Books Inc., Denver, CO. 344 pp.
- Paysen, T.E., R.J. Ansley, J.K. Brown, G.J. Gottfried, S.M. Haase, M.G. Harrington, M.G. Narog, S.S. Sackett, and R.C. Wilson. 2000. Fire in western shrubland, woodland, and grassland ecosystems – Chapter 6. Pages 121-159 In Brown, J.K. and J.K. Smith, eds. *Wildland Fire in Ecosystems: Effects of Fire on Flora*. General Technical Report RMRS-GTR-42 Vol. 2. U.S. Department of Agriculture, U.S. Forest Service, Rocky Mountain Research Station. 257 pp.
- Payne, G.F., J.W. Foster, and W.C. Leininger. 1983. Vehicle impacts on northern Great Plains range vegetation. *Journal of Range Management* 36:327–331.
- Pedersen, E.K., J.W. Connelly, J.R. Hendrickson and W.E. Grant. 2003. Effect of sheep grazing and fire on sage grouse populations in southeastern Idaho. *Ecological Modeling* 165:23-47.
- Pellant, M., and C. Hall. 1994. Distribution of two exotic grasses on public lands in the Great Basin: status in 1992. Pp. 109-112 in S. B. Monsen and S. G. Kitchen (compilers). *Ecology and management of annual rangelands*. USDA Forest Service General Technical Report INT-GTR-313. USDA Forest Service, Intermountain Research Station, Ogden, UT.

- Peters, E.F. and S.C. Bunting. 1994. Fire conditions pre- and post-occurrence of annual grasses on the Snake River plain. Pages 31-36 *In* Monsen, S.B. and S.G. Kitchen, comps. Proceedings: Ecology and Management of Annual Rangelands. General Technical Report INT-GTR-313. U.S. Department of Agriculture, U.S. Forest Service, Intermountain Research Station. 416 pp.
- Peters, G.P., R.M. Andrew, T. Boden, J.G. Canadell, P. Ciais, C. Le Quere, G. Marland, M.R. Raupach, C. Wilson. 2013. The challenge to keep global warming below 20C, *Nature Climate Change* 3(1): 4–6.
- Peterson, J.G. 1970. The food habits and summer distribution of juvenile sage grouse in central Montana. *Journal of Wildlife Management* 34: 147-155.
- Peterson, M.J. 2004. Parasites and infectious diseases of prairie grouse: should managers be concerned? *Wildlife Society Bulletin* 32(1):35-55.
- Peterson, T.C., R.R. Heim, Jr., R.Hirsch, D.P. Kaiser, H. Brooks, N.S. Diffenbaugh, R.M. Dole, J.P. Giovannettone, K. Guirguis, T.R. Karl, R.W. Katz, K. Kunkel, D. Lettenmaier, G.J. McCabe, C.J. Paciorek, K.R. Ryberg, S.Schubert, V.B.S. Silva, B.C. Stewart, A.V. Vecchia, G.Villarini, R.S. Vose, J.Walsh, M. Wehner, D. Wolock, K.Wolter, C.A. Woodhouse, and D. Wuebbles. 2013. Monitoring and undstanding changes in heat waves, cold waves, floods, and droughts in the United States. *American Meteorological Society*. 94: 821–834.
- Plumb, G.E., L.J. Krysl, M.E. Hubbert, M.A. Smith, and J.W. Waggoner. 1984. Horses and cattle grazing on the Wyoming Red Desert, III. *Journal of Range Management*. 37(2):130–132.
- Ponzetti, J. M., B. McCune, and D. A. Pyke. 2007. Biotic soil crusts in relation to topography, cheatgrass, and fire in the Columbia Basin, Washington. *The Bryologist* 110:706–722.
- Poor, E. E., Jakes, A., Loucks, C., and M. Suitor. 2014. Modeling fence location and density at a regional scale for use in wildlife management. *PLOS One* 9(1): 1-8.
- Post, G. 1951. Effects of toxaphene and chlordane on certain game birds. *Journal of Wildlife Management* 15: 381–386.
- Pristos, C.A. and J. Ma. 1997. Biochemical assessment of cyanide-induced toxicity in migratory birds from gold mining hazardous waste ponds. *Toxicology and Industrial Health* 13:203–209.

Pritchard and Donnelly 2000 - intro

- Pruett, C.L., M.A. Patten, and D.H. Wolfe. 2008. Avoidance behavior by prairie grouse: implications for development of wind energy. *Conservation Biology* 23(5):1253-1259.

- Pruett, C.L., M.A. Patten, and D.H. Wolfe. 2009. It's not easy being green: wind energy and a declining grassland bird. *BioScience* 59(3):257-262.
- Pruett, C. L., M. A. Patten, and D. H. Wolfe. 2009. Avoidance behavior by prairie grouse: implications for development of wind energy. *Conservation Biology* 23:1253-1259.
- Pyke, D.A. 2011a. Restoring and rehabilitating sagebrush habitats. Chapter 23 In Knick, S.T., and J.W. Connelly, eds. Greater sage-grouse – ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*:38. Berkeley, CA. University of California Press. Pp. 531–548.
- Pyke, D.A. 2011b. Restoring and rehabilitating sagebrush habitats. *Studies in Avian Biology*. 64 pp.
- Pyke, D.A. 2011a. Restoring and rehabilitating sagebrush habitats. Chapter 23 In Knick, S.T., and J.W. Connelly, eds. Greater sage-grouse – ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*:38. Berkeley, CA. University of California Press. Pp. 531–548.
- Pyke, D. A. 2014. Region-wide ecological responses of arid Wyoming big sagebrush communities to fuel treatments. *Rangeland Ecology and Management* 67:455-467.
- Pyle, W.H. 1992. Response of brood-rearing habitat of sage grouse to prescribed burning in Oregon. M.S. Thesis, Oregon State University, Corvallis, Oregon. 56 pp.
- Pyle, W.H. and J.A. Crawford. 1996. Availability of foods of sage grouse chicks following prescribed fire in sagebrush-bitterbrush. *Journal Range Management* 49:320–324.
- Quinney, D.L., M. McHenry, and J. Weaver. 1996. Restoration of native shrubland in a military training area using hand-broadcasting of seed. Pp. 156-157 In Barrow, J.R., E.D. McArthur, R.E. Sosebee, and R J. Tausch, comps. *Proceedings: Shrubland Ecosystem Dynamics in a Changing Environment*. General Technical Report INT-GTR-338. U.S. Department of Agriculture, U.S. Forest Service, Intermountain Research Station. Ogden, UT. 275 pp.
- Rajewski, D.A., E.S. Takle, J.K. Lundquist, S.Oncley, J.H. Prueger, T.W. Horst, M.E. Rhodes, R.Pfeiffer, J.L. Hatfield, K.K. Spoth, and R.K. Doorenbos. 2013. Crop wind energy experiment (CWEX) observations of surface-layer, boundary layer, and mesoscale interactions with a wind farm. *American Meteorological Society*: 655-672.
- Ramakrishnan, A. P., S. E. Meyer, D. J. Fairbanks, and C. E. Coleman. 2006. Ecological significance of microsatellite variation in western North American populations of *Bromus tectorum*. *Plant Species Biology* 21:61–73.
- Ramirez, Jr., P. and B.P. Rogers. 2002. Selenium in a Wyoming grassland community receiving wastewater from an in situ uranium mine. *Archives of Environmental Contamination and Toxicology* 42:431–436.

Ramirez and Rogers 2012 - mining

Range-wide Interagency Sage-Grouse Conservation Team. 2012. Near-term greater sage-grouse conservation action plan. 29 pp.

Redford, K.H., G. Amato, J. Baillie, P. Beldomenico, E.L. Bennett, N. Clum, R. Cook, G. Fonseca, S. Hedges, F. Launay, S. Lieberman, G. M. Mace, A. Murayama, A. Putnam, J.G. Robinson, H. Rosenbaum, E.W. Sanderson, S.N. Stuart, P. Thomas, and J. Thorbjarnarson. 2011. What does it mean to success fully conserve a (vertebrate) species? *BioScience* 61: 39-48.

Reese, K.P. and J.W. Connelly. 2011. Harvest management for greater sage-grouse: A changing paradigm for game bird management. *Studies in Avian Biology* 38: pp. 101–111.

Rehfeldt 2006 – climate change

Rehfeldt, G.E., N.L. Crookston, C. Saenz-Romero, and E.M. Campbell. 2012. North American vegetation model for land-use planning in a changing climate: a solution to large classification problems. *Ecological Applications* 22: 119–141.

Reisen, W.K., Y. Fang, V.M. Martinez, H.D. Lothrop, J. Wilson, P. O'Connor, R. Carney, B. Cahoon-Young, M. Shafii, and A.C. Brault. 2006a. Overwintering of West Nile virus in Southern California. *Journal of Medical Entomology* 43:344-355

Reisen, W.K., Y. Fang, and V.M. Martinez. 2006. Effects of temperature on the transmission of West Nile virus by *Culex tarsalis* (Diptera: Culicidae). *Journal of Medical Entomology* 43:309-317.

Reisner, M. D., J. B. Grace, D. A. Pyke, D. A., and P. S. Doescher. 2013. Conditions favouring *Bromustectorum* dominance of endangered sagebrush steppe ecosystems. *Journal of Applied Ecology* 50:1039–1049.

Remington, T., and C Braun. 1991. How surface coal mining affects sage grouse, North Park, Colorado. Pp. 128-132 in R. Comer, ed., *Proceedings, Issues and Technology in the Management of Impacted Western Wildlife* 5. Thorne Ecological Institute, Boulder, CO.

Rich, T. 1985. Sage grouse population fluctuations: Evidence for a 10-year cycle. *Idaho BLM Technical Bulletin* 85: 29.

Richards, R.T., J.C. Chambers, and C. Ross. 1998. Use of native plants on federal lands: Policy and practice. *Journal of Range Management* 51:625–632.

Ritchie, M.E., M.L. Wolfe, and R. Danvir. 1994. Predation of artificial sage grouse nests in treated and untreated sagebrush. *Great Basin Naturalist* 54(2):122-129.

Robertson, L.G. and S. K. Viersen. 2001. *Native Americans and the Law: Native Americans Under Current United States Law*. University of Oklahoma Law Center. Online publication: <http://thorpe.ou.edu/guide/robertson.html>. [Accessed April 24, 2015].

- Romps, D.M., J.T. Seeley, D. Vollaro, and J. Molinari. 2014. Projected increase in lightning strikes in the United States due to global warming. *Science* 346:851–854.
- Row, J.R., S.J. Oyler-McCance, J.A. Fike, M. O'Donnell, K. Doherty, C. L. Aldridge, Z. Bowen, and B.C. Fedy. 2015. Landscape characteristics influencing the genetic structure of greater sage-grouse within the stronghold of their range: a holistic modeling approach. *Ecology and Evolution* 5: 1955-1969.
- Rowland, M.M. and M.J. Wisdom. 2002. Research problem analysis for greater sage-grouse in Oregon. Final Report. Oregon Department of Fish and Wildlife; U.S. Department of the Interior, Bureau of Land Management, Oregon/Washington State Office; and U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 75 pp.
- Russell, T. L., M. D. Brown, D. M. Purdie, P. A. Ryan and B. H. Kay. 2003. Efficacy of VectoBac (*Bacillus thuringiensis* variety israelensis) formulations for mosquito control in Australia. *Ecotoxicology* 96: 1786-1791.

SGI 2014 - intro

- Sala, O. E., W. K. Lauenroth, and R. A. Golluscio. 1997. Plant functional types in temperate semi-arid regions. In: Smith, T. M.; Shugart, H. H.; Woodward, F. I., eds. *Plant functional types*. Cambridge, UK: Cambridge University Press: 217–233.
- Sankey, T.T. and M.J. Germino. 2008. Assessment of juniper encroachment with the use of satellite imagery and geospatial data. *Rangeland Ecology and Management* 61:412–418.
- Sankey, T.T., C. Moffet, and K. Weber. 2008. Postfire recovery of sagebrush communities: Assessment using SPOT-5 and very large-scale aerial imagery. 2008. *Rangeland Ecology & Management*. 61:598–604.
- Saunders, D.A., R.J. Hobbs, and C.R. Margules. 1991. Biological consequences of ecosystem fragmentation: a review. *Conservation Biology* 5:18-32.
- Sauer, J.R., J.E. Hines, J.E. Fallon, K.L. Pardieck, J. Ziolkowski D.J., and W.A. Link. 2014. The North American Breeding Bird Survey, Results and Analysis 1966 - 2013. Version 01.30.2015. USGS Patuxent Wildlife Research Center, Laurel, MD.
- Schlaepfer, D.R., W.K. Lauenroth, and Bradford, J. B. 2012a. Effects of ecohydrological variables on current and future ranges, local suitability patterns, and model accuracy in big sagebrush. *Ecography* 35(4): 374-384.
- Schlaepfer, D.R., W.K. Lauenroth, and J.B. Bradford. 2012b. Ecohydrological niche of sagebrush ecosystems. *Ecohydrology* 5(4): 453-466.
- Schlaepfer, D.R., W.K. Lauenroth, and J.B. Bradford. 2014. Natural regeneration processes in big sagebrush (*Artemisia tridentata*). *Rangeland Ecology and Management* 67 (4): 344-357.

Comment [AB25]: Not sure which SGI doc this is – check with Jesse.

Comment [DP26]: I can't tell if it was cited or not – there is a Schlaepfer et al. 2012 entire in climate change but don't know if its this or the previous one.

Schlaepfer, D.R., K. A. Taylor, V.E. Pennington, K.N. Nelson, T.E. Martyn, C.M. Rottler, W.K. Lauenroth, and J.B. Bradford. 2015. Simulated big sagebrush regeneration supports predicted changes at the trailing and leading edges of distribution shifts. *Ecosphere* 6(1): 1-31.

Schrag et al. 2010 - disease

Schrag, A., S. Konrad, S. Miller, B. Walker, and S. Forrest. 2011. Climate-change impacts on sagebrush habitat and West Nile virus transmission risk and conservation implications for greater sage-grouse. *GeoJournal* 76(5):561-575.

Schroeder, M.A., J.R. Young, and C.E. Braun. 1999. Sage grouse (*Centrocercus urophasianus*). 28 pages *In* Poole, A. and F. Gill, eds. *The Birds of North America*, No. 425. The Birds of North America, Inc., Philadelphia, Pennsylvania.

Schroeder, M.A. and R.K. Baydack. 2001. Predation and the management of prairie grouse. *Wildlife Society Bulletin* 29:24-32.

Schroeder, M.A. and L.A. Robb. 2003. Fidelity of greater sage-grouse *Centrocercus urophasianus* to breeding areas in a fragmented landscape. *Wildlife Biology* 9: 241-299.

Schroeder, M.A., D.W. Hays, M.F. Livingston, L.E. Stream, J.E. Jacobson, and D.J. Pierce. 2000. Changes in the distribution and abundance of sage grouse in Washington. *Northwestern Naturalist* 81(3):104-112.

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.

Schroeder, M.A. and W.M. Vander Haegen. 2006. Use of Conservation Reserve Program fields by greater sage-grouse and other shrubsteppe-associated wildlife in Washington state. 39 pp.

Schroeder, M.A., M. Atamian, H. Ferguson, M. Finch, C. Stonehouse, and D.W. Stinson. 2008. Re-introduction of greater sage-grouse to Lincoln County, Washington: Progress report. Washington Department of Fish and Wildlife, Olympia, WA.

Schroeder, M.A. and W.M. Vander Haegen. 2011. Chapter twenty-two, Response of greater sage-grouse to the Conservation Reserve Program in Washington State. *In* Greater sage-grouse: ecology and conservation of a landscape species and its habitats. S.T. Knick and J.W. Connelly, editors. *Studies in Avian Biology*. Volume 38:517-529.

Schroeder, M.A., M. Atamain, K. Thorburn, M. Finch, J. Anderson, and D. Stinson. 2014. Re-introduction of greater sage-grouse to Lincoln County, Washington: Progress Report. Washington Department of Fish and Wildlife.

Comment [DP27]: Citation needs completion

- Schulwitz, S., B. Bedrosian, and J.A. Johnson. 2014. Low neutral genetic diversity in isolated greater sage-grouse (*Centrocercus urophasianus*) populations in northwest Wyoming. *Condor* 116: 560-573.
- Scott, J.W. 1940. The role of coccidia as parasites of wild life. *Journal of the Colorado-Wyoming Academy of Science* 2:45.
- Scott, J. W. 1942. Mating behavior of the sage-grouse. *Auk* 59:477-498.
- Sedinger, B.S., J.S. Sedinger, S. Espinosa, M.T. Atamian, and E.J. Blomberg. 2010. Spatial-temporal variation in survival of harvested greater sage-grouse. *Studies in Avian Biology* 39: 317–328.
- Sedinger, J.S., G.C. White, S. Espinosa, E.T. Partee, C.E. Braun. 2010. Assessing compensatory versus additive harvest mortality: an example using greater sage-grouse. *Journal of Wildlife Management* 74: 326–332.
- Shafer, S.L., P.J. Bartlein, and R.S. Thompson. 2001. Potential changes in the distribution of western North America tree shrub and taxa under future climate scenarios. *Ecosystems* 4:200-215.
- Shaman, J., J.F. Day and M. Stieglitz. 2005. Drought-induced amplification and epidemic transmission of West Nile virus in southern Florida. *Journal of Medical Entomology* 42:134-141.
- Sheley, R. L., J. M. Hudak, and R. T. Grubb. 1999. Rush skeletonweed. Pp. 308–314 in R. L. Sheley and J. K. Petroff (editors). *Biology and management of noxious rangeland weeds*. Oregon State University Press, Corvallis, OR.
- Shepherd, A. and T. Frolli. 2015. Meeting with Alan Shepherd, Wild Horse and Burro Specialist, Bureau of Land Management and Tom Frolli, Inter-Regional Coordinator, Wild Horse & Burro Program, Forest Service Regions 1,3,4, 5, & 6, in Reno, Nevada. February 12, 2015. 5 pp.
- Shirk, A. M. Schroeder, L. Robb, and S. Cushman. Empirical validation of landscape resistance models: insights from the greater sage-grouse (*Centrocercus urophasianus*). *Conservation Biology*, in press.
- Shultz 2009 - intro
- Sika, J.L. 2006. Breeding ecology, survival rates, and causes of mortality of hunted and nonhunted greater sage-grouse in central Montana. M.S. Thesis, Montana State University, Bozeman, Montana. 118 pp.
- Slater, S.J. 2003. Sage-grouse (*Centrocercus urophasianus*) use of different-aged burns and the effects of coyote control in southwestern Wyoming. M.S. Thesis, University of Wyoming, Laramie, Wyoming. 187 pp.

Comment [DP28]: This is cited in different ways in the text – sometimes as a pers. Comm, sometimes with page numbers. Need to resolve and correct citations here and in the text (in wild horse chapter)

Comment [DP29]: Has been published, need to update

Smith, J.T., L.D. Flake, K.F. Higgins, G.D. Kobriger, and C.G. Homer. 2005. Evaluating lek occupancy of greater sage-grouse in relation to landscape cultivation in the Dakotas. *Western North American Naturalist* 65(3):310–320.

Smith 2010 - intro

Smith et al. 2014. Prioritizing winter habitat quality for greater sage-grouse in a landscape influenced by energy development. *Ecosphere* 5:15. <http://dx.doi.org/10.1890/ES13-00238>.

Comment [DP30]: Need to complete citation

Smith et al in review – ag. Conversion

Soulé, P. T., and P. A. Knapp. 1999. Western juniper expansion on adjacent disturbed and near-relict sites. *Journal of Range Management* 52:525–533.

South Dakota Department of Game, Fish and Parks, Division of Wildlife. 2014. Sage-grouse management plan for South Dakota 2014-2018. Wildlife Division Report Number 2014-02. South Dakota Department of Game, Fish and Parks, Pierre, South Dakota.

Sovada, M.A., A.B. Sargeant, and J.W. Grier. 1995. Differential effects of coyotes and red foxes on duck nest success. *Journal of Wildlife Management* 59(1):1-9.

Southwest Wyoming Local Sage-grouse Working Group. 2013. Southwest Wyoming sage-grouse conservation Plan. 104 pp.

State of CO 2008 – non-renewable

State of ID 2012 – renewable energy

State of MT 2013 – renewable energy

State of MT – 2014 – conifers, Ag. Conversion, mining

State of NV – 2014 – conifers, mining

State of NV – 2015 – wild horses

State of OR – 2015 – non-renewable

State of Utah. 2013. Conservation plan for greater sage-grouse in Utah. FINAL. February 14, 2013. 80 pp.

State of Utah. 2015. Governor's Executive Order for Implementing the Utah Conservation Plan for Greater Sage-Grouse.

State of WY 2011 – Ag Conversion, mining

Steenhof, K., M.N. Kochert, and J.A. Roppe. 1993. Nesting by raptors and common ravens on electrical transmission line towers. *Journal of Wildlife Management* 57:271-281.

Stevens, B. S. 2011. Impacts of fences on greater sage-grouse in Idaho: collision, mitigation, and spatial ecology. Thesis, University of Idaho, Moscow, USA.

Stevens, B.S., J.W. Connelly, and K.P. Reese. 2012a. Multi-scale assessment of greater sage-grouse fence collision as a function of site and broad scale factors. *Journal of Wildlife Management* 76:1370-1380.

Stevens, B.S., J.W. Connelly, and K.P. Reese. 2012b. Greater sage-grouse and fences: Does marking reduce collision risk? *Wildlife Society Bulletin* 36: 1-7.

Stevens and Dennis. 2013 - fences

Stevens, B. S., Naugle, D.E., Dennis, B., Connelly, J.W., Griffiths, T., and Kerry P. Reese. 2013. Mapping sage-grouse fence-collision risk: Spatially explicit models for targeting conservation implementation. *Wildlife Society Bulletin* 37(2):409-415.

Stewart, G., and A. C. Hull. 1949. Cheatgrass (*Bromus tectorum* L.) – an ecological intruder in southern Idaho. *Ecology* 30:58–74.

Still and Richardson 2015 – climate change

Stinson, C.M. 2014. Report on conservation efforts in response to threats to greater sage-grouse in Washington: an evaluation of Washington State's efforts to address threats to the viability of greater sage-grouse listed in the Conservation Objective Team (COT) report (USFWS 2013). Washington Department of Fish and Wildlife. 26 pp.

Stinson, D.W., D.W. Hays, and M.A. Schroeder. 2004. Washington State Recovery Plan for the Greater Sage-Grouse. Washington Department of Fish and Wildlife, Olympia, Washington. 109 pp.

Stiver, S.J., A.D. Apa, J. Bohne, S.D. Bunnell, P. Deibert, S. Gardner, M. Hilliard, C. McCarthy, and M.A. Schroeder. 2006. Greater sage-grouse comprehensive conservation strategy. Unpublished Report, Western Association of Fish and Wildlife Agencies, Cheyenne, Wyoming. 444 pp.

Stocker et al. 2013 – climate change

Stocker et al. 2014 – climate change

Storch, I. 2007. Grouse: Status survey and conservation action plan 2006–2010. Gland, Switzerland: IUCN and Fordingbridge, UK: World Pheasant Association. 114 pp.

- Strzepek, K., G. Yohe, J. Neumann, and B. Boehlert. 2010. Characterizing changes in drought risk for the United States from climate change. Environmental Research Letters Online at: stacks.iop.org/ERL/5/044012.
- Suchant, R. and R. Roth. 1998. Tourism in the Black Forest – danger for the capercaillie. Grouse News (Newsletter of IUCN Grouse Specialist Group) 15: 13–17.
- Summers, R.W., R.E. Green, R. Proctor, D. Dugan, D. Lambie, R. Moncrieff, R. Moss, and D. Baines. 2004. An experimental study of the effects of predation on the breeding productivity of capercaillie and black grouse. Journal of Applied Ecology 41:513-525.
- Suring, L.H., M.J. Wisdom, R.J. Tausch, R.F. Miller, M.M. Rowland, L. Schueck, and C.W. Meinke. 2005. Modeling threats to sagebrush and other shrubland communities. Pages 114-139 In Wisdom, M.J., M.M. Rowland, and L.H. Suring (eds.). Habitat Threats in the Sagebrush Ecosystem: Methods of Regional Assessment and Applications in the Great Basin. Alliance Communications Group, Allen Press. Lawrence, KS.
- Suter II, G.W. 1978. Effects of geothermal energy development on fish and wildlife. Topical briefs: Fish and wildlife resources and electrical power generation, no. 6. Biological Services Program Report FWS/OBS-76/20.6, U.S. Fish and Wildlife Service. 26 pp.
- Swenson, J.E., C.A. Simmons, and C.D. Eustace. 1987. Decrease of sage grouse *Centrocercus urophasianus* after ploughing of sagebrush steppe. Biological Conservation 41:125-132.

SYMVCD 2008 – disease

- Tack, J. D. 2009. Sage-grouse and the Human Footprint – Implications for Conservation of Small and Declining Populations. Master's Thesis, University of Montana, 106 pp.
- Tack, J.D., D.E. Naugle, J.C. Carlson, and P.J. Fargey. 2012. Greater sage-grouse *Centrocercus urophasianus* migration links the USA and Canada: a biological basis for international prairie conservation. Oryx 46(1):64–68.
- Taylor, R.L., D.E. Naugle, and L.S. Mills. 2012. Viability analyses for conservation of sage-grouse populations: Buffalo Field Office, Wyoming. Final Report. 46pp.
- Taylor, R.L., B.L. Walker, D.E. Naugle, and L.S. Mills. 2012. Managing multiple vital rates to maximize greater sage-grouse population growth. Journal of Wildlife Management 76: 336–347.

Tewksbury et al. 2002 - intro

- Thacker, E.T., D.R. Gardner, T.A. Messmer, M.R. Guttery, and D.K. Dahlgren. 2012. Using gas chromatography to determine winter diets of greater sage-grouse in Utah. Journal of Wildlife Management 76: 588-592.
- Theobald, D.M. 2005. Landscape patterns of exurban growth in the USA from 1980 to 2020. Ecology and Society 10(1). 34 pp.

Theobald, D.M. 2014. Development and applications of a comprehensive land use classification and map for the US. PLoS ONE 9(4). 14 pp.

Thompson 2012 - intro

Thiel, D., E. Menoni, J. Brenot, and L. Jenni. 2007. Effects of recreation and hunting on flushing distance of capercaillie. *Journal of Wildlife Management* 71: 1784–1792.

Thiel, D., S. Jenni-Eiermann, R. Palme, and L. Jenni. 2011. Winter tourism increases stress hormone levels in the capercaillie *Tetrao urogallus*. *Ibis* 153:122–133.

Thorne, E.T., N. Kingston, W.R. Jolley, and R.C. Bergstrom. 1982. Diseases of wildlife in Wyoming, second edition. Wyoming Game and Fish Department, Cheyenne, WY. 353 pp.

Torregrosa, A., and N. Devoe. 2008. Urbanization and changing land use in the Great Basin. USDA Forest Service General Technical Report RMRS-GTR-204. Pp. 9–13.

Touma, D., M. Ashfaq, M.A. Nayak, S.C. Kao, and N.S. Diffenbaugh. In press. A multi-model and multi-index evaluation of drought characteristics in the 21st century. *Journal of Hydrology*. <http://dx.doi.org/10.1016/j.jhydrol.2014.12.011>. Accessed 13 February 2015. PDF:

Tu, M., C. Hurd, and J.M. Randall. 2001. Weed control methods handbook: Tools & techniques for use in natural areas. The Nature Conservancy, Wildland Invasive Species Team. <http://www.invasive.org/gist/handbook.html>. version April 2001. 219 pp.

University of Illinois. 2002. Plant damage from air pollution. Report on plant disease. University of Illinois Extension. Department of Crop Sciences. 12 pp.

U.S. Census Bureau. 2012. Growth in urban population outpaces rest of nation, Census Bureau reports. News Release March 26, 2012. 1 p.

U.S. Department of Agriculture. 2013. Summary Report: 2010 National Resources Inventory, Natural Resources Conservation Service. 163 pp.

U. S. Department of Agriculture (USDA) 2015. Outcomes in conservation: Sage Grouse Initiative. NRCS Progress Report, 55 pp.

U.S. Department of Agriculture (USDA). 2013. Upland Bird/Waterfowl Report to UDWR.

Comment [DP31]: Need to complete citation

United States Drought Monitor (USDM). 2015. United States Drought Monitor Map. <http://droughtmonitor.unl.edu/Home.aspx>. Accessed January 29, 2015.

U.S. Fish and Wildlife Service. 2003. Interim guidelines on avoiding and minimizing wildlife impacts from wind turbines. U.S. Fish and Wildlife Service internal memorandum from Director to Regional Directors, Regions 1-7. Dated May 13, 2003.

U.S. Fish and Wildlife Service. 2008b. Synthesis of energy development data in sage-grouse Breeding habitat within 3.2 kilometers (2 miles) of development.

USFWS 2010 – climate change

U.S. Fish and Wildlife Service. 2010. Conference Report for the Natural Resources Conservation Service Sage-grouse Initiative (SGI). 106 pp.

U.S. Fish and Wildlife Service (USFWS). 2010. Endangered and Threatened Wildlife and Plants; 12-Month Findings for Petitions to List the Greater Sage-Grouse (*Centrocercus urophasianus*) as Threatened or Endangered. Federal Register 75(55): 13910-14013.

U.S. Fish and Wildlife Service Conservation Objectives Team (COT). 2013. Greater Sage-grouse (*Centrocercus urophasianus*) Conservation Objectives: Final Report. U.S. Fish and Wildlife Service, Washington, D.C.

U.S. Fish and Wildlife Service (USFWS). 2014b. Greater Sage-Grouse: Additional Recommendations to Refine Land Use Allocations in Highly Important Landscapes. Memorandum from USFWS Director to Director Bureau of Land Management and Chief U.S. Forest Service. File No. FWS/AES/058711.

U.S. Fish and Wildlife Service 2014. - hunting

U.S. Fish and Wildlife Service [Service]. 2015. Memorandum from Region 1, Region 6, and Region 8 Assistant Regional Directors – Ecological Services. Subject: Service participation on Federal Land Management Agency implementation of the Fire and Invasives Species Assessment Team (FIAT) Assessments. Undated. 3 pp.

U.S. Fish and Wildlife Service. 2015. Summary of estimated sage-grouse harvest by decade for each state where sage-grouse are hunted. Harvest estimates by year were taken from unpublished state agency data. Unpublished data. 3 pp.

USFS 2007 - mining

U.S. Forest Service [USFS]. 2015. Scoping and request for comments cooperative horse removal with Fort McDermitt Paiute-Shoshone Tribe. Dear Interested Public letter. Humboldt-Toiyabe National Forest. Santa Rosa Ranger District. Winnemucca, Nevada. February 19, 2015. 7 pp + map.

U.S. Forest Service, Bureau of Land Management, Bureau of Indian Affairs, U.S. Fish and Wildlife Service, National Park Service. 2009. Guidance of Implementation of Federal Wildland Fire Management Policy. 20 pp.

U.S. General Accounting Office. 2003. Wildland Fires: better Information Needed on Effectiveness of Emergency Stabilization and Rehabilitation Treatments. U.S. General Accounting Office, Washington, D.C. 63 pp.

U.S. Government Accountability Office [GAO]. 2008. Effective long-term options needed to manage unadoptable wild horses. Report to the Chairman, Committee on Natural Resource, House of Representatives. Washington, D.C. 82 pp.

Comment [DP32]: Same acronym – should check to see if they are in fact separate offices, and if so need to amend the text to reflect the differences

U.S. Geological Survey (USGS). 2013b. Map showing location of Precious Metal Mines in the United States (modified 01/2013). Website: <http://minerals.usgs.gov/minerals/pubs/mapdata/index.html>. Accessed December 17, 2014.

U.S. Geological Survey (USGS). 2014. National climate change viewer: tutorial and documentation. 13pp. http://www.usgs.gov/climate_landuse/clu_rd/apps/nccv_documentation_v1.pdf. Accessed on September 30, 2014.

U.S. Geological Survey National Wildlife Health Center (USGS NWHC). No date. West Nile Virus page: http://www.nwhc.usgs.gov/disease_information/west_nile_virus/frequently_asked_questions.jsp. Accessed 2 September 2014.

U.S. Global Change Research Program. 2014. Overview: climate change impacts in the United States. National Climate Assessment. <http://nca2014.globalchange.gov/>. Accessed on December 15, 2014.

U.S. High Speed Rail Association. 2014 - infrastructure

Utah Division of Wildlife Resources. 2013. Conservation Plan for Greater Sage-grouse in Utah. Utah Division of Wildlife Resources, Salt Lake City, UT. 80 pp.

Utah Division of Wildlife Resources. 2015. - predation

Vale, T.R. 1974. Sagebrush conversion projects: an element of contemporary environmental change in the western United States. *Biological Conservation* 6:274–284.

Vale, T.R. 1975. Presettlement vegetation in the sagebrush-grass area of the intermountain west. *Journal of Range Management* 28:32–36.

van Vuuren, D.P., J. Edmonds, M. Kainuma, K. Riahi, A. Thomson, K. Hibbard, G.C. Hurtt, T. Kram, V. Krey, J.-F. Lamarque, T. Masui, M. Meinshausen, N. Nakicenovic, S.J. Smith, and S.K. Rose. 2011. The representative concentration pathways: an overview. *Climatic Change* 109: 5–31, DOI 10.1007/s10584-011-0148-z

Vander Haegen, W. M., M. A. Schroeder, and R. M. DeGraaf. 2002. Predation on real and artificial nests in shrubsteppe landscapes fragmented by agriculture. *Condor* 104:496–506.

Vitousek, P.M. 1990. Biological invasions and ecosystem processes: Towards an integration of population biology and ecosystem studies. *Oikos* 57:7–13.

- Wagner, F.H. 1983. Status of wild horse and burro management on public rangelands. In: Transactions of the Forty-eighth North American Wildlife and Natural Resources Conference. Wildlife Management Institute, Washington, D.C. Pages 116–133.
- Waide, R.B., M.R. Willig, C.F. Steiner, G. Mittelbach, L. Gough, S.I. Dodson, G.P. Juday, and R. Parmenter. 1999. The relationship between productivity and species richness. *Annual Review of Ecology and Systematics* 30:257–300.
- Wallestad, R., and R. L. Eng. 1975. Foods of adult sage grouse in central Montana. *Journal of Wildlife Management* 39: 628–630.
- Walsh, D.P., G.C. White, T.E. Remington, and D.C. Bowden. 2004. Evaluation of the lek-count index for greater sage-grouse. *Wildlife Society Bulletin* 32:56-68.
- Ward, J.C., M. Martin, and W. Allred. 1942. The susceptibility of sage grouse to strychnine. *Journal of Wildlife Management* 6:55–57.
- Watson, A. 2007. Cripple losses from grouse shooting, a brief review. *Grouse News* 34: 3–7.
- Western Association of Fish and Wildlife Agencies (WAFWA). 2008. Greater sage-grouse population trends: An analysis of lek count databases 1965-2007. Sage and Columbian Sharp-tailed grouse Technical Committee, WAFWA. 126 pp.
- Western Association of Fish and Wildlife Agencies (WAFWA). 2009. Prescribed fire as a management tool in xeric sagebrush ecosystems: is it worth the risk to sage-grouse? A white paper prepared by the sage and Columbian sharp-tailed grouse technical committee for WAFWA. 22 pp.
- Washington Department of Fish and Wildlife. 1995. Washington State Management Plan for Sage-Grouse. Washington Department of Fish and Wildlife, Olympia, Washington. 99 pp.

WDFW – 2013 – military activities

WDFW 2014 –scientific use

- 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.
- Walker, B.L., D.E. Naugle, K.E. Doherty, and T.E. Cornish. 2004. From the field: Outbreak of West Nile virus in greater sage-grouse and guidelines for monitoring, handling, and submitting dead birds. *Wildlife Society Bulletin* 32(3):1-7.
- Walker, B.L., D.E. Naugle, and K.E. Doherty. 2007a. Greater sage-grouse population response to energy development and habitat loss. *Journal of Wildlife Management* 71:2644-2654.

Comment [DP33]: Possible this is the same as Schroeder et al. 2014?

Walker, B.L., D.E. Naugle, K.E. Doherty, and T.E. Cornish. 2007b. West Nile Virus and Greater Sage-Grouse: Estimating Infection Rate in a Wild Bird Population. *Avian Diseases* 51(3):691-696.

Walker, B.L. 2008. Greater sage-grouse response to coal-bed natural gas development and West Nile virus in the Powder River Basin, Montana and Wyoming, U.S.A. PhD dissertation, University of Montana, Missoula, Montana.

Walker, B., and D. Naugle. 2011. West Nile Virus Ecology in Sagebrush Habitat and Impacts on Greater Sage-Grouse. Pp. 127-142 in S. Knick and J. Connelly, eds. *Greater Sage-Grouse: Ecology and Conservation of a Landscape Species and Its Habitat*. Studies in Avian Biology, Vol. 38, University of California Press, Berkeley, CA.

Walker, B.L. 2008. Greater sage-grouse response to coal-bed natural gas development and West Nile virus in the Powder River Basin, Montana and Wyoming. Doctoral thesis, University of Montana. 234 pp. Ag. Conversion

Walker, R.P. 2008. Comments submitted to the U.S. Fish and Wildlife Service. Natural gas Flare emission monitoring using a miniature fiberoptic spectrometer. 26 pp.

Walsh, D.P., G.C. White, T.E. Remington, and D.C. Bowden. 2004. Evaluation of the lek-count index for greater sage-grouse. *Wildlife Society Bulletin* 32:56-68.

Walsh et al. 2006 - intro

Comment [DP34]: 2004?

Walsh, J., D. Wuebbles, K. Hayhoe, J. Kossin, K. Kunkel, G. Stephens, P. Thorne, R. Vose, M. Wehner, J. Willis, D. Anderson, S. Doney, R. Feely, P. Hennon, V. Kaharin, T. Knutson, F. Landerer, T. Lenton, J. Kennedy, and R. Somerville. 2014. Ch. 2: Our changing climate. Pp. 19-67 in J.M. Melillo, T.C. Richmond, and G.W. Yohe (editors). *Climate change impacts in the United States: the third national climate assessment*, U.S. Global Change Research Program.

Wambolt, C.L., K.S. Walhof, and M.R. Frisina. 2001. Recovery of big sagebrush communities after burning in south-western Montana. *Journal of Environmental Management* 61:243-252.

Wan et al. 2004 - intro

Warren, P. D., D. Baines, and M. Richardson. 2009. Mitigating against the impacts of human disturbance on black grouse *Tetrao tetrix* in northern England. *Folia Zool.* 58:183-189.

Webb, S.L., C.V. Olson, M.R. Dzialak, S.M. Harju, J.B. Winstead, and D. Lockman. 2012. Landscape features and weather influence nest survival of a ground-nesting bird of conservation concern, the greater sage-grouse, in human-altered environments. *Ecological Processes* 1:1-15.

Weisberg, P. J., E. Lingua, and R. B. Pillai. 2007. Spatial patterns of pinyon-juniper woodland expansion in Central Nevada. *Rangeland Ecology and Management* 60:115-124.

- Weltz, M. A., K. Spaeth, M. H. Taylor, K. Rolins, F. Pierson, L. Jolley, M. Nearing, D. Goodrich, M. Hernandez, S. K. Nouwakpo, and C. Rossi. 2014. Cheatgrass invasion and woody species encroachment in the Great Basin: benefits of conservation. *Journal of Soil and Water Conservation* 69:39A-44A.
- Wenninger, E.J. and R.S. Inouye. 2008. Insect community response to plant diversity and productivity in a sagebrush-steppe ecosystem. *Journal of Arid Environments* 72:24–33.
- West, N.E. 1983a. Chapters 11-16, pages 321-421. *In* West, N.E., ed. *Ecosystems of the World: Temperate Deserts and Semi-Deserts*. Elsevier Scientific Publishing Company, New York, NY. 522 pp.
- West, N.E. 1983b. Western intermountain sagebrush steppe. Pages 351-397 in N.E. West (ed). *Ecosystems of the World*. Chapter 5. Temperate deserts and semi-deserts. Elsevier Scientific Publishing Co, New York.
- West, N.E. 1996. Strategies for maintenance and repair of biotic community diversity on rangelands. Pages 326-346 *In* Oxford University Press.
- West, N.E., F.D. Provenza, P.S. Johnson, and M.K. Owens. 1984. Vegetation change after 13 years of livestock grazing exclusion on sagebrush semidesert in west central Utah. *Journal of Range Management* 37(3):262-264.
- West, N.E. and J.A. Young. 2000. Intermountain valleys and lower mountain slopes. Pages 256-284 *In* Barbour, M.G. and W.D. Billings, eds. *North American Terrestrial Vegetation*, 2nd Edition. Cambridge University Press, Cambridge, UK. 708 pp.
- Westerling A. L., H. G. Hidalgo, D. R. Cayan, T. W. Swetnam. 2006. Warming and early spring increase U.S. forest wildfire activity. *Science* 313: 940–943.
- Whisenant, S. 1990. Changing fire frequencies on Idaho's Snake River plains: ecological and management implications. Pp. 4–10 *In* Proceedings from the symposium on cheatgrass invasion, shrub die off and other aspects of shrub biology and management. USFS General Technical Report INT-276.
- White, K. 2013. 2013 Yakima Training Center Sage-grouse lek monitoring. Yakima Training Center Report.
- Wiechman, L.A. 2013. Movement patterns and population dynamics of greater sage-grouse in Mono County, California. M.S. Thesis. University of Idaho, Moscow, Idaho. 178 pp.
- Wiens, J. A., and J. T. Rotenberry. 1985. Response of breeding passerine birds to rangeland alteration in a North American shrubsteppe locality. *Journal of Applied Ecology* 22:655-668.

Wijayratne, U. P., and D. A. Pyke. 2012. Burial increases seed longevity of two *Artemisia tridentata* (Asteraceae) subspecies. *American Journal of Botany* 99:438-447

Wik, P.A. 2002. Ecology of greater sage-grouse in south-central Owyhee County, Idaho. M.S. Thesis. University of Idaho, Moscow, Idaho. 141 pp.

Williams et al. 2004 - intro

Comment [DP35]: Williams and DellaSala?

Willis, M.J., G.P. Keister, Jr., D.A. Immell, D.M. Jones, R.M. Powell, and K.R. Durbin. 1993. Sage grouse in Oregon. Wildlife Research Report No. 15. Oregon Department of Fish and Wildlife, Portland, OR. 77 pp.

Winder, V.L., L.B. McNew, A.J. Gregory, L.M. Hunt, S.M. Wisely, and B.K. Sandercock. 2014. Space use by female greater prairie-chickens in response to wind energy development. *Ecosphere* 5(1):3.

Wing, B.R. 2014. The role of vegetation structure, composition, and nutrition in greater sage-grouse ecology in northwestern Utah. M.S. Utah State University.

Wisdom, M. J., and J. C. Chambers, J. C. 2009. A landscape approach for ecologically-based management of Great Basin shrublands. *Restoration Ecology* 17:740–749.

Wisdom, M.J., C.W. Meinke, S.T. Knick, and M.A. Schroeder. 2011. Factors associated with extirpation of sage-grouse. Chapter 18 In Knick, S.T., and J.W. Connelly, eds. Greater sage-grouse – ecology and conservation of a landscape species and its habitats. *Studies in Avian Biology*: 38. Berkeley, CA. University of California Press. Pp. 475–487.

Wolfe, D.H., Patten, M.A., Shochat, E., Pruett, C.L., and S. K. Sherrod. 2007. Causes and Patterns of Mortality in Lesser Prairie-chickens *Tympanuchus pallidicinctus* and Implications for Management. *Wildlife Biology*, 13(sp1):95-104.

Wolfe, D.H., Patten, M.A., and S. K. Sherrod. 2009. Reducing Grouse Collision Mortality by Marking Fences (Oklahoma). *Ecological Restoration* 27(2):141-143.

Wolfenbarger, L.L., and P.R. Phifer. 2000. The ecological risks and benefits of genetically engineered plants. *Science* 290: 2088–2093.

Woodhouse, C.A., and J.T. Overpeck. 1998. 2000 years of drought variability in the central United States. *Bulletin of the American Meteorological Society*. 79:2693–2714.

Woodward, J.K. 2006. Greater sage-grouse (*Centrocercus urophasianus*) habitat in central Montana. M.S. Thesis. Montana State University, Bozeman, MT. 106 pp.

Wroblewski, D.W. 1999. Effects of prescribed fire on Wyoming big sagebrush communities: Implications for ecological restoration of sage grouse habitat. M.S. Thesis. Oregon State University, Corvallis, OR. 88 pp.

- Wroblewski, D.W. and J.B. Kauffman. 2003. Initial effects of prescribed fire on morphology, abundance, and phenology of forbs in big sagebrush communities in southeastern Oregon. *Restoration Ecology* 11(1):82-90.
- Wyoming Big Horn Basin Sage-grouse Local Working Group. 2007. Sage-grouse conservation plan for the Big Horn Basin, Wyoming. 124 pp.
- Wyoming Game and Fish Department (WGFD). Unknown year. A guide to viewing and photographing Wyoming's greater sage-grouse ethically and responsibly. 4 pp.
- Wyoming Game and Fish Department (WGFD). 2014. Comments submitted to the U.S. Fish and Wildlife Service regarding potential listing of Greater sage-grouse.
- Wyoming Game and Fish Department (WGFD). 2015 – scientific use
- Yakima Nation. 2015. Yakama Nation Greater Sage-Grouse Translocation Summary. Unpublished information.
- Young, J.A. and R.A. Evans. 1978. Populations dynamics after wildfires in sagebrush grasslands. *Journal of Range Management* 31:283–289.
- Young, J.A. and R.A. Evans. 1989. Dispersal and germination of big sagebrush (*Artemisia tridentata*) seeds. *Weed Science* 37:201–206.
- Young, J. A., and W. S. Longland. 1996. Impact of alien plants on Great Basin rangelands. *Weed Technology* 10:384–391.
- Young, J. A., and C. D. Clements. 2007. Cheatgrass and Grazing Rangelands. *Rangelands* 29:15-20.
- Young, J. K., K. A. Olson, R. P. Reading, S. Amgalanbaatar, and J. Berger. 2011. Is wildlife going to the dogs? Impacts of feral and free-roaming dogs on wildlife populations. *BioScience* 61:125–132.
- Young, J.R., J.W. Hupp, J.W. Bradbury, C.E. Braun. 1994. Phenotypic divergence of secondary sexual traits among Sage Grouse, *Centrocercus urophasianus*, populations. *Animal Behaviour* 47: 1353-1362.
- Young, J.R., C.E. Braun, S.J. Oyler-McCance, J.W. Hupp, and T.W. Quinn. 2000. A new species of sage-grouse (Phasianidae: *Centrocercus*) from southwestern Colorado. *Wilson Bulletin* 112:445-453.
- Zander, D. 2008. Shallow gas production along the Cedar Creek Anticline in southeastern Montana. Search and Discovery Article #20063. Unpublished data. 31 pp.
- Zeitler, F.C. and U. Glanzer. 1998. Skiing and grouse in the Bavarian Alps. *Grouse News* (Newsletter of the IUCN Grouse Specialist Group) 15: 8–12.

- Ziegenhagen, L.L. 2003. Shrub reestablishment following fire in the mountain big sagebrush (*Artemisia tridentata* Nutt. ssp. *vaseyana* (Rydb.) Beetle) alliance. Masters Thesis. Oregon State University. Corvallis, Oregon.
- Ziegenhagen, L.L. and R.F. Miller. 2009. Postfire recovery of two shrubs in the interiors of large burns in the intermountain west, U.S.A. *Western North American Naturalist* 69:195–205.
- Zou, L., S.N. Miller, and E.T. Schmidtman. 2006. Mosquito larval habitat mapping using remote sensing and GIS: Implication of coalbed methane development and West Nile virus. *Journal of Medical Entomology* 43: 1034–1041
- Zou, L., S.N. Miller, and E.T. Schmidtman. 2007. A GIS tool to estimate West Nile virus risk based on a degree-day model. *Environ Monit Assess* 129:413–420.
- Zouhar, K. 2003. *Bromus tectorum*. In Fire Effects Information System, [Online]. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory (Producer). Available online at: <http://www.fs.fed.us/database/feis/>. Accessed March 25, 2015.
- Zouhar, K., J.K. Smith, S. Sutherland, and M.L. Brooks. 2008. Wildland fire in ecosystems: Fire and nonnative invasive plants. Gen. Tech. Rep. RMRS-GTR-42-vol. 6. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Ogden, CO. 355 pp.
- Zunino, G.W. 1987. Harvest effect on sage grouse densities in northwest Nevada. M.S. Thesis, University of Nevada, Reno, NV. 50 pp.

Personal Communications:

- Interview. Chris Warren, Wildlife Biologist, U.S. Fish and Wildlife Service, in Spokane, WA. (September 15, 2008).
- Email exchange. Jay K. Carlson, Roseburg District Manager/Project Manager, Sage-Grouse Conservation Strategy, Bureau of Land Management, in Roseburg, OR. (August 29, 2008b).
- Cornish T. E. 2014. Personal communication (telephone, via P. Deibert). Dr. Todd E. Cornish, Assistant Professor Veterinary Science, Pathobiology, University of Wyoming, Laramie, WY (November 3, 2014).

Frolli 2015b – pers. Comm. – wild horse

Garton pers. Comm. 2009 - intro

Hnilicka 2014 pers. Comm. – hunting

Cleveland and Seo pers. Comm. - hunting

USFWS. 2015. Jeff Berglund, personal communication.

USFWS. 2015. Patricia Deibert, personal communication.

USFWS. 2015. Patricia Sweanor, personal communication.

Waage, B. 2015. Personal communication.

Email exchange with David Budeau, Upland Game Coordinator, Oregon Dept. of Fish and Wildlife, in Salem, OR (December 3, 2014).

Email exchange with Tom Christiansen, Wyoming Game and Fish Dept., in Green River, WY (December 5, 2014).

Email exchange with Nancy Drilling, Rocky Mountain Bird Observatory, in Rapid City, SD (December 4, 2014).

Email exchange with Shawn P. Espinosa, Upland Game Staff Biologist, Nevada Dept. of Wildlife, in Reno, NV (December 3, 2014).

Email exchange with Scott Gardner, Sage-grouse Program Coordinator, California Department of Fish and Game, in Sacramento, CA. (December 4, 2014).

Email exchange with Don Kemner, Wildlife Program Coordinator, Idaho Department of Fish and Game, in Boise, ID (January 20, 2015).

Email exchange with Aaron Robinson, Upland Game Biologist, North Dakota Game and Fish Department, in Dickinson, ND (December 3, 2014).

Email exchange with Travis Runia, Senior Upland Game Biologist, South Dakota Department of Game, Fish, and Parks, in Huron, SD (December 4, 2014).

Email exchange with Mike Schroeder, Upland Bird Research Scientist, Washington Department of Fish and Wildlife, in Bridgeport, WA (December 3, 2014).

Email exchange with Catherine Wightman, Montana Fish, Wildlife, and Parks, in Helena, MT (December 12, 2014).

Email exchange with David Budeau, Upland Game Coordinator, Oregon Dept. of Fish and Wildlife, in Salem, OR (August 14, 2014).

Email exchange with Tom Christiansen, Wyoming Game and Fish Dept., in Green River, WY (August 14, 2014).

Email exchange with Shawn P. Espinosa, Upland Game Staff Biologist, Nevada Dept. of Wildlife, in Reno, NV (August 14, 2014).

Comment [DP36]: These three are from renewable energy section, where there is a USFWS 2015a pers comm reference, but no identification as to which one of these it is...

Telephone interview. Scott Gardner, Sage-grouse Program Coordinator, California Department of Fish and Game, in Sacramento, CA. (August 28, 2008)

Email exchange with Kathy Griffin, State-wide Grouse Conservation Coordinator, Colorado Parks and Wildlife in Grand Junction, CO (August 13, 2014).

Email exchange with Ann Moser, Wildlife Staff Biologist, Idaho Dept. of Fish and Game, in Boise, ID (August 18, 2014).

Email exchange with Jason Robinson, Utah Division of Wildlife Resources, in Salt Lake City, UT (August 14, 2014).

Email exchange with Catherine Wightman, Montana Fish, Wildlife, and Parks, in Helena, MT (August 15, 2014).

Comment [DP37]: All from hunting chapter

Wightman 2015. Personal communication – scientific use

Robinson personal communication 2015 - disease

Web pages (need to update to correct citation format).

Frost, G. 2010. End to greater sage-grouse hunting in CA sought.
<http://www.audublog.org/?p=3981>.

Brean, 2014. Hunt is on for threatened sage grouse.
<http://www.reviewjournal.com/news/nevada/hunt-threatened-sage-grouse>.

Darling, D.J. 2014. Making their case for sage grouse hunting.
[http://www.bendbulletin.com/home/231321\(0\).153/making-lheir-case-for-sage-graJSe-hunting](http://www.bendbulletin.com/home/231321(0).153/making-lheir-case-for-sage-graJSe-hunting)

Moore 2014. Hunters take a hit to preserve sage grouse <http://www.wsj.com/articles/hunters-take-a-hit-to-preserve-sage-grouse-1411601233>.

Smith, B. 2014. Hunters wrestle over sage grouse season.
http://magicvalley.com/lifestyles/recreation/hunters-wrestle-over-sage-grouse-season/article_71c3cc72-2503-11e4-b615-001a4bcf887a.html

South Dakota Game, Fish and Parks. 2014 <http://gfp.sd.gov/hunting/small-game/sage-grouse.aspx>

Contaminants

Military Activity

Land Ownership (Intro)

Clear Lake Sage-grouse Working Group. 2008. Conservation and Recovery Strategy for Sage-grouse (*Centrocercus urophasianus*) and Sagebrush Ecosystems within the Devil's Garden/Clear Lake Population Management Unit. June 10, 2008.

Formatted: Font: Not Bold

Congressional Research Service. 2010. National Monuments and the Antiquities Act. Prepared for Members and Committees of Congress, CRS Report 7-5700. 12pp.

Culp, P.W., A. Laurenzi, and C.C. Tuell. 2006. State Trust Lands in the West: Fiduciary Duty in a Changing Landscape. Lincoln Institute of Land Policy, Policy Focus Report/Code PF014.

Loomis, J.B. 2001. Integrated Public Lands Management: Principles and Applications to National Forests, Parks, Wildlife Refuges, and BLM Lands, Second Edition. Columbia University Press: New York.

Robertson, L.G. and S. K. Viersen. 2001. Native Americans and the Law: Native Americans Under Current United States Law. University of Oklahoma Law Center. Online publication: <http://thorpe.ou.edu/guide/robertson.html>. [Accessed April 24, 2015].

Sage Grouse Initiative. 2014. Private Lands Vital to Conserving Wet Areas for Sage Grouse Summer Habitat. Science to Solutions Series Number 4. Sage Grouse Initiative. 4pp. <http://www.sagegrouseinitiative.com/>.

Field Code Changed

Formatted: Hyperlink, Font: (Default) +Body (Calibri), 11 pt, Not Bold

Formatted: Font: Not Bold

REGULATORY MECHANISMS

Literature Cited

Alberta Environment and Sustainable Resource Development. 2006. Public lands reservation information guide. Reservation notation coding manual. 90 pp.
<http://esrd.alberta.ca/forms-maps-services/forms/lands-forms/guides-forms-completion/documents/ReservationNotationManual-Jan-2006.pdf>. Accessed 16 April 2015.

Alberta Environment and Sustainable Resource Development. 2013. Alberta Greater Sage-grouse Recovery Plan 2013-2018. Alberta Environment and Sustainable Resource Development, Alberta Species at Risk Recovery Plan No. 30, Edmonton, AB. 46pp.

Alberta Sage Grouse Recovery Action Group. 2005. Alberta greater sage-grouse recovery plan. Alberta Sustainable Resource Development, Fish and Wildlife Division. Alberta Species at Risk Recovery Plan No. 8, Edmonton, AB. 33 pp.

Aldridge, C.L. and R.M. Brigham. 2003. Distribution, abundance, and status of the greater sage-grouse, *Centrocercus urophasianus*, in Canada. Canadian Field-Naturalist 117:25-34.

BLM 2007. Decision Record for the Craters of the Moon National Monument and Preserve Comprehensive Travel Management Plan. Twin Falls District, Shoshone, ID. NEPA No. ID-230-2007-EA-332.

BLM 2012. Approved Resource Management Plan Amendments/Record of Decision (ROD) for Solar Energy Development in Six Southwestern States. October 2012.

BLM 2014. Craters of the Moon National Monumnet & Preserve Analysis of the Management Situation; Draft Management Plan Amendment and Environmental Impact Statement. BLM, Twin Falls District, Shoshone, Idaho.

Calgary Zoo. 2014. Calgary Zoo reaffirms its commitment to save one of Canada's most endangered birds. Calgary Zoo media release. <http://www.calgaryzoo.com/media-releases/calgary-zoo-reaffirms-its-commitment-save-one-canada%E2%80%99s-most-endangered-birds>. Accessed 15 April 2015.

Canadian Wildlife Service (CWS). 2013. Species at Risk Act: Emergency Order for the Protection of the Greater Sage-Grouse. SOR/2013-202. Supplement, Canada Gazette, Part II 174 (25): 3-130

Environment Canada. 2014. Amended Recovery Strategy for the Greater Sage-Grouse (*Centrocercus urophasianus urophasianus*) in Canada. Species at Risk Act Recovery Strategy Series. Environment Canada, Ottawa. vi + 53 pp.

George, S. and Wm.J. Snape III. 2010. State endangered species acts. Pages 344-359 in D.C. Baur and W.R. Irvin (eds.). Endangered Species Act: Law, Policy, and Perspectives, Second Edition. American Bar Association, Section of Environment, Energy, and Resources: Chicago.

Hagen, C. A. 2011. Greater sage-grouse conservation assessment and strategy for Oregon: A plan to maintain and enhance populations and habitat. Oregon Department of Fish and Wildlife, Salem, OR.

Lloyd, N., K. Traylor-Holzer, J. Mickelberg, T. Stephens, M. Schroeder, J. Heinrichs, B. Prieto Diaz, and A. Moehrensclager (eds.). 2014. Greater Sage-Grouse in Canada Population and Habitat Viability Assessment Workshop Final Report. IUCN SSC Conservation Breeding Specialist Group, Apple Valley, MN.

Lungle, K. and S. Pruss. 2008. Recovery Strategy for the Greater Sage-Grouse (*Centrocercus urophasianus urophasianus*) in Canada. In *Species at Risk Act*. Recovery Strategy Series. Parks Canada Agency. Ottawa. vii + 43 pp.

Lungle, K. and S. Pruss. 2009. Replacement of Section 2.6 of the Recovery Strategy for the Greater Sage-Grouse (*Centrocercus urophasianus urophasianus*) in Canada. In *Species at Risk Act* Recovery Strategy Series. Parks Canada Agency. Ottawa. 16 pp.

Multiple Species at Risk (MULTISAR). 2014. MULTISAR: A Multi-Species Conservation Strategy for Species at Risk in the Grassland Natural Region of Alberta 2013-2014 Report. Alberta Environment and Sustainable Resource Development, Alberta Species at Risk Report No. 152, Edmonton, AB. 60 pp.+ Appendix

Province of Alberta Wildlife Act, R.S.A. 2000. Alberta Queen's Printer, Edmonton, Alberta. 72 pp.

Parks Canada. 2015. Species at Risk Act: description of critical habitat of greater sage-grouse in Grasslands National Park of Canada. Canada Gazette, Part I 149 (13): 693.

Species At Risk Act (SARA). 2002. Minister of Justice, Canada. Canada Gazette, Part III, Chapter 29, Volume 25, No. 3, 2002. 96 pp.

Stiver, S.J., E.T. Rinkes, and D.E. Naugle. 2010. Sage-grouse Habitat Assessment Framework: Multi-scale Habitat Assessment Tool. U.S. Bureau of Land Management. Unpublished Report. BLM Idaho State Office, Boise, Idaho.

U.S. Fish and Wildlife Service. 2010. Conference Report with Natural Resources Conservation Service on the Sage Grouse Initiative. Washington DC. 104 p.

U.S. Fish and Wildlife Service (USFWS). 2010. Endangered and threatened wildlife and plants: 12-month findings for petitions to list the Greater Sage-grouse (*Centrocercus urophasianus*) as threatened or endangered. Federal Register 75: 13909 -14014.

U.S. Fish and Wildlife Service (Service). 2013. Greater Sage-grouse (*Centrocercus urophasianus*) Conservation Objectives: Final Report. U.S. Fish and Wildlife Service, Denver, Colorado. February 2013. 92 pp.

U.S. Fish and Wildlife Service (Service). 2014. Data call letter to conservation partners from Noreen Walsh, Director, Mountain-Prairie Region, 30 July 2014. 2 pp. + attachments.

Weiss, M. and B. Prieto. 2014. A conservation plan for Greater Sage-Grouse in Saskatchewan. Fish and Wildlife Branch, 3211 Albert Street, Regina, Saskatchewan, Canada, S4S 5W6

Personal Communications:

Bloom, Robin. Habitat Stewardship Biologist, Environment Canada, Canadian Wildlife Service. Personal communication by telephone and email, April 17, 2015.

Nicholson, Joel. Senior Species at Risk Biologist, Alberta Environment and Sustainable Resource Development, Fish and Wildlife Management. Personal communication by telephone and email, April 29, 2015.

Lit cited from: SGI writeup

Literature Cited

Baruch-Mordo, S., J.S. Evans, J.P. Serverson, D.E. Naugle, J.D. Maestas, J.M. Kiesaecker, M.J. Falkowski, C.A. Hagan, and K.P. Reese. 2013. Saving sage-grouse from the trees: A proactive solution to reducing a key threat to candidate species. Biological Conservation 167:233–241.

Natural Resources Conservation Service (NRCS). 2015. Outcomes in Conservation Sage Grouse Initiative. USDA report, February 2015.

North American Bird Conservation Initiative. 2015. 2014 Farm Bill Field Guide to Fish and Wildlife Conservation. U.S. Committee. 58 pages.

Schroeder, M. A., and W. M. Vander Haegen. 2011. Response of Greater Sage-Grouse to the conservation reserve program in Washington State. Pp. 517–529 in S. T. Knick and J. W.

Formatted: Font: 12 pt

Formatted: Font: +Body (Calibri)

Connelly (editors). Greater Sage-Grouse: ecology and conservation of a landscape species and its habitats. Studies in Avian Biology (vol. 38), University of California Press, Berkeley, CA.

Stinson, C.M.. 2014. Report on conservation efforts in response to threats to greater sage-grouse in Washington. Wildlife Program, Washington Department of Fish and Wildlife, Olympia, Washington.

Formatted: Font: 12 pt

Stinson, C. M., and M. A. Schroeder. 2014. Sage-grouse conservation in Washington: 2013. Wildlife Program, Washington Department of Fish and Wildlife, Olympia, Washington.

Formatted: Font: +Body (Calibri)

Stinson, D. W., D. W. Hays, and M. A. Schroeder. 2004. Washington State Recovery Plan for the Greater Sage-Grouse. Washington Department of Fish and Wildlife, Olympia, Washington. 109 pages.

Formatted: Font: 12 pt

Stubbs, Megan. 2015. Agricultural Conservation: A Guide to Programs. Congressional Research Service. April 2, 2015. 25 pages.

Formatted: Font: +Body (Calibri)

U.S. Department of Agriculture (USDA). 2015. Biomass Crop Assistance Program.

Formatted: Font: 12 pt

<http://www.fsa.usda.gov/programs-and-services/energy-programs/index>. Accessed May 20, 2015.

Formatted: Font: +Body (Calibri)

Formatted: Font: +Body (Calibri)

Formatted: Font: +Body (Calibri)

U.S. Department of Agriculture (USDA). 2013. Fact Sheet on State Acres for Wildlife Enhancement (SAFE) Eastern Washington Shrub-Steppe. May 2013. 2 pgs.

Formatted: Font: 12 pt

U.S. Fish and Wildlife Service 2010. Conference Report with Natural Resources Conservation Service on the Sage Grouse Initiative. Washington D.C. 104 p.