

## Literature Cited

- Alaback, P.B. and F.R. Herman. 1988. Long-term response of understory vegetation to stand density in *Picea-Tsuga* forests. *Canadian Journal of Forest Research* 18:1522-1530.
- Alexander, J.D. 1999. Bird-habitat relationships in the Klamath/Siskiyou Mountains. M.S. Thesis, Southern Oregon University, Ashland. 89 pp.
- Alexander, J.D., C.J. Ralph, K. Hollinger, and B. Hogoboom. 2004. Using a wide-scale landbird monitoring network to determine landbird distribution and productivity in the Klamath Bioregion. Pp. 33-41 in K.L. Mergenthaler, J.E. Williams, and E.S. Jules (editors), *Proceedings of the Second Conference on Klamath-Siskiyou Ecology*. Copies available from Klamath Bird Observatory, PO Box 758, Ashland, Oregon, 97520.
- Alexander, J.D., N.E. Seavy, and P.E. Hosten. 2007. Using conservation plans and bird monitoring to evaluate ecological effects of management: an example with fuels reduction activities in southwest Oregon. *Forest Ecology and Management* 238:375-383.
- Altman, B. 1994. Neotropical migratory landbird monitoring project directory. Oregon-Washington Partners in Flight working document.
- Altman, B. 1999a. Conservation strategy for landbirds in coniferous forests of western Oregon and Washington. Version 1.0. Oregon-Washington Partners in Flight. [http://www.orwapif.org/pdf/western\\_forest.pdf](http://www.orwapif.org/pdf/western_forest.pdf).
- Altman, B. 1999b. Nest success and habitat relationships of the olive-sided flycatcher in managed forests of northwestern Oregon. Unpublished report submitted to U.S. Fish and Wildlife Service, Oregon State Office; U.S. Forest Service, Mt. Hood National Forest; and Bureau of Land Management, Portland.
- Altman, B. 2000a. Conservation strategy for landbirds in the lowlands and valleys of western Oregon and Washington. Version 1.0. Oregon-Washington Partners in Flight. [http://www.orwapif.org/pdf/western\\_lowlands.pdf](http://www.orwapif.org/pdf/western_lowlands.pdf).
- Altman, B. 2000b. Conservation strategy for landbirds in the northern Rocky Mountains of eastern Oregon and Washington. Version 1.0. Oregon-Washington Partners in Flight. [http://www.orwapif.org/pdf/northern\\_rockies.pdf](http://www.orwapif.org/pdf/northern_rockies.pdf).
- Altman, B. 2000c. Conservation strategy for landbirds of the east-slope of the Cascade Mountains of eastern Oregon and Washington. Version 1.0. Oregon-Washington Partners in Flight. <http://www.orwapif.org/pdf/east-slope.pdf>.
- Altman, B., and A. Holmes. 2000. Conservation strategy for landbirds in the Columbia Plateau of eastern Oregon and Washington. Version 1.0. Oregon-Washington Partners in Flight. [http://www.orwapif.org/pdf/columbia\\_basin.pdf](http://www.orwapif.org/pdf/columbia_basin.pdf).
- Altman, B. and R. Sallabanks. 2000. Olive-sided Flycatcher (*Contopus cooperi*), in *The Birds of North America*, No. 502 (A. Poole and F. Gill, editors). The Birds of North America, Inc., Philadelphia, PA.
- Altman, B. and J. Bart. 2001. Special species monitoring and assessment in Oregon and Washington: landbird species not adequately monitored by the Breeding Bird Survey. Oregon-Washington Partners in Flight. [http://www.orwapif.org/pdf/special\\_monitoring.pdf](http://www.orwapif.org/pdf/special_monitoring.pdf).
- Altman, B. and J. Hagar. 2007. Rainforest birds: A land manager's guide to breeding bird habitat in young conifer forests in the Pacific Northwest. U.S. Geological Survey, Scientific Investigations Report 2006-5304. 60 pp.
- Andelman, S. J. and A. Stock. 1994. Preliminary assessment of management, research, and monitoring priorities for the conservation of neotropical migratory birds that breed in Washington State (one report) and Oregon (one report). Oregon-Washington Partners in Flight working documents.
- Artman, V.L. 1990. Breeding bird populations and vegetation characteristics in commercially thinned and unthinned western hemlock forests of Washington. M.S. Thesis, University of Washington, Seattle. 55 pp.
- Aubry, K.B. 2007. Changing perceptions of the role of managed forests as wildlife habitat in the Pacific Northwest. Pp.3-18 in T.B. Harrington and G.E. Nicholas (technical editors) *Managing for wildlife habitat in west-side production forests*. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-695. Portland, OR.
- Aubry, K. B. and C. M. Raley. 2002. Selection of nest and roost trees by pileated woodpeckers in coastal forests of Washington. *Journal of Wildlife Management* 66:392-406.

- Aubry, K.B., C.B. Halpern, and C.E. Peterson. 2009. Variable-retention harvests in the Pacific Northwest: a review of short-term findings from the DEMO study. *Forest Ecology and Management* 258:398-408.
- Aubry, K.B., M.P. Amaranthus, C.B. Halpern, J.D. White, B.L. Woodard, C.E. Peterson, C.A. Lagoudakis, and A.J. Horton. 1999. Evaluating the effects of varying levels and patterns of green-tree retention: experimental design of the DEMO study. *Northwest Science* 73:12-26.
- Banks, T., D. Farr, R. Bonar, B. Beck, and J. Beck. 1995. Draft Habitat Suitability Index Model, Foothills Model Forest, Hinton, Alberta. 7 pp.
- Barrows, C.W. 1986. Habitat relationships of winter wrens in northern California. *Western Birds* 17:17-20.
- Beissinger, S.R., J.M. Reed, J.M. Wunderle, Jr., S.K. Robinson, and D.M. Finch. 2000. Report of the AOU conservation committee on the Partners in Flight species prioritization plan. *Auk* 117:549-561.
- Berlanga, H., J. A. Kennedy, T. D. Rich, M. C. Arizmendi, C. J. Beardmore, P. J. Blancher, G. S. Butcher, A. R. Couturier, A. A. Dayer, D. W. Demarest, W. E. Easton, M. Gustafson, E. Iñigo-Elias, E. A. Krebs, A. O. Panjabi, V. Rodriguez Contreras, K. V. Rosenberg, J. M. Ruth, E. Santana Castellón, R. Ma. Vidal, T. C. Will. 2010. Saving Our Shared Birds: Partners in Flight Tri-National Vision for Landbird Conservation. Cornell Lab of Ornithology: Ithaca, NY. <http://www.savingoursharedbirds.org>.
- Bettinger, P.K., J. Boston, J. Sessions, and W.C. McComb. 2001. Integrating wildlife species habitat goals and quantitative land management planning processes. Pp. 567-579 in D.H. Johnson and T.A. O'Neil (managing directors), *Wildlife-habitat relationships in Oregon and Washington*. Oregon State University Press, Corvallis.
- Blancher, P.J., K.V. Rosenberg, A.O. Panjabi, B. Altman, J. Bart, C.J. Beardmore, G.S. Butcher, D.W. Demarest, R. Dettmers, E.H. Dunn, W. Easton, W.C. Hunter, E.E. Inigo-Elias, D.N. Pashley, C.J. Ralph, T.D. Rich, C.M. Rustay, J.M. Ruth, and T.C. Will. 2007. Guide to the Partners in Flight Population Estimates Database. Partners in Flight Technical Series No. 5. <http://www.partnersinflight.org/>.
- Blewett, C.M. and J.M. Marzluff. 2005. Effects of urban sprawl on snags and the abundance and productivity of cavity-nesting birds. *Condor* 107:678-693.
- Block, W.M., D.M. Finch, and L.A. Brennan. 1995. Single-species versus multiple-species approaches for management. Pp. 461-476 in T.E. Martin and D.M. Finch (editors) *Ecology and management of neotropical migratory birds*. Oxford Univ. Press, New York.
- Bolsinger, C.L. and K.L. Waddell. 1993. Area of old-growth forests in California, Oregon, and Washington. U.S. Department of Agriculture, Forest Service Research Bulletin PNW-RB-197.
- Brett, T.A. 1997. Habitat associations of woodpeckers in managed forests of the southern Oregon Cascades. M.S. Thesis, Oregon State University, Corvallis. 95 pp.
- Brown, E.R. (editor). 1985. Management of wildlife and fish habitats in forests of western Oregon and Washington. U.S. Department of Agriculture Publication Number R6, Fish and Wildlife 192-1985.
- Brown, R. 2008. The implications of climate change for conservation, restoration, and management of National Forest lands. Defenders of Wildlife publication for The National Forest Restoration Collaborative. University of Oregon Press.
- Bull, E.L. and C.T. Collins. 1993. Vaux's swift (*Chaetura vauxi*), in *The Birds of North America*, No. 77 (A. Poole and F. Gill, editors). The Birds of North America, Inc., Philadelphia, PA.
- Bull, E.L. and J.E. Hohmann. 1992. The association between Vaux's swift and old-growth forests in northeastern Oregon. *Western Birds* 24:38-42.
- Bunnell, F.L. 1990. Reproduction of salal (*Gaultheria shallon*) under forest canopy. *Canadian Journal of Forest Research* 20:91-100.
- Bunnell, F.L., L.L. Kremsater, and R.W. Wells. 1997. Likely consequences of forest management on terrestrial, forest-dwelling vertebrates in Oregon. Report M-7 of the Centre for Applied Conservation Biology, University of British Columbia. 130 pp.
- Bunnell, F.L., R.W. Wells, J.D. Nelson, and L.L. Kremsater. 1999. Patch sizes, vertebrates, and effects of harvest policy in southeastern British Columbia. Pp. 217-293 in J.A. Rochelle, L.A., Lehmann, and J. Wisniewski (editors), *Forest fragmentation: wildlife and management implications*. Brill Publications, The Netherlands.
- Busing, R.T., and S.L. Garman. 2002. Promoting old-growth characteristics and long-term wood production in Douglas-fir forests. *Forest Ecology and Management* 160:161-175.

- Campbell, S., D. Azuma, and D. Weyermann. 2002. Forests of western Oregon: an overview. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-525. 27 pp.
- Carey, A.B. and R.O. Curtis. 1996. Conservation of biodiversity: a useful paradigm for forest ecosystem management. *Wildlife Society Bulletin* 24(4):610-620.
- Carey, A.B., M. Hardt, S.P. Horton, and B.L. Biswell. 1991. Spring bird communities in the Oregon Coast Range. Pp. 123-137 *in* L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (technical coordinators). *Wildlife and vegetation of unmanaged Douglas-fir forests*. U.S. Department of Agriculture, Forest Service General Technical Report PNW-285.
- Cavitt, J.F. and T.E. Martin. 2002. Effects of forest fragmentation on brood parasitism and nest predation in eastern and western landscapes. Pp 73-80 *in* T.L. George and D.S. Dobkin (editors), *Effects of habitat fragmentation on birds in western landscapes: contrasts with paradigms from the eastern U.S.* *Studies in Avian Biology* 25. Cooper Ornithological Society.
- Chambers, C.L. 1996. Response of terrestrial vertebrates to three silvicultural treatments in the central Oregon Coast Range. Ph.D. Dissertation. Oregon State University, Corvallis. 213 pp.
- Chambers, C.L., W.C. McComb, and J.C. Tappeiner. 1999. Breeding bird responses to three silvicultural treatments in the Oregon Coast Range. *Ecological Applications* 9:171-185.
- Cline, S.P. 1977. The characteristics and dynamics of snags in Douglas-fir forests of the Oregon Coast Range. Ph.D. Dissertation. Oregon State University, Corvallis
- Cline, S.P., A.B. Berg, and H.M. Wight. 1980. Snag characteristics and dynamics in Douglas-fir forests, western Oregon. *Journal of Wildlife Management* 44:773-786.
- Deal, J. and M. Settington. 2000. Woodpecker nest habitat in the Nimpkish valley, northern Vancouver Island. Canadian Forest Products Ltd. and AXYS Environmental Consulting Ltd.
- Dellasala, D.A., J.C. Hagar, K.A. Engel, W.C. McComb, R.L. Fairbanks, and E.G. Campbell. 1996. Effects of silvicultural modifications of temperate rainforests on breeding and wintering bird communities, Prince of Wales Island, southeast Alaska. *Condor* 98:706-721.
- Dillingham, C.P., D.P. Vroman, and P.W. Dillingham. 2008. Breeding bird responses to silvicultural treatments in the Klamath Province of Oregon. *Northwestern Naturalist* 89:33-45.
- Donnelly, R. and J.M. Marzluff. 2004. Importance of reserve size and landscape context to urban bird conservation. *Conservation Biology* 18:733-745.
- Doyon, F., P.E. Higgelke, and H.L. MacLeod. 2000. Brown creeper (*Certhia americana*). Prepared for Millar Western Forest Product's Biodiversity Assessment Project. KBM Forestry Consultants Inc. Thunder Bay, Ontario.
- Fontaine, J.B. 2007. Influences of high severity fire and postfire logging on avian and small mammal communities of the Siskiyou Mountains, Oregon, USA. Ph.D dissertation, Oregon State University, Corvallis.
- Forest Research Advisory Committee (FRAC). 2008. Report to the Secretary of Agriculture. U.S. Department of Agriculture, Forest Service Research and Development and Cooperative State Research Education and Extension Service. Washington D.C.
- Franklin, J.F. 1989. Toward a new forestry. *American Forests* 37-44.
- Franklin, J.F., 1993. Preserving biodiversity: species, ecosystems, or landscapes? *Ecological Applications* 3(2): 202-205.
- Franklin, J.F. and C.T. Dyrness. 1973. Natural vegetation of Oregon and Washington. U.S. Department of Agriculture, Forest Service General Technical Report PNW-8. 417 pp.
- Franklin, J.F., T.A. Spies, R. Van Pelt, A.B. Carey, D.A. Thornburgh, D.R. Berg, D.B. Lindenmayer, M.E. Harmon, W.S. Keeton, D.C. Shaw, K. Bible, and J. Chen. 2002. Disturbances and structural development of natural forest ecosystems with silvicultural implications, using Douglas-fir forests as an example. *Forest Ecology and Management* 155:399-423.
- George, T.L., and L.A. Brand. 2002. The effects of habitat fragmentation on birds in Coast Redwood forests. Pp. 92-102 *in* T.L. George, and D.S. Dobkin (editors), *Effects of habitat fragmentation on birds in western landscapes: contrasts with paradigms from the eastern U.S.* *Studies in Avian Biology* 25. Cooper Ornithological Society.

- Gilbert, F.F. and R. Allwine. 1991. Spring bird communities in the Oregon Cascade Range. Pp. 145-158 in L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (technical coordinators), Wildlife and vegetation of unmanaged Douglas-fir forests. U.S. Department of Agriculture, Forest Service General Technical Report PNW-285.
- Gumtow-Farrior, D.A. 1991. Cavity resources in Oregon white oak and Douglas-fir stands in the mid-Willamette Valley, Oregon. M.S. Thesis, Oregon State University, Corvallis. 89 pp.
- Guzy, M.J. and P.E. Lowther. 1997. Black-throated Gray Warbler (*Dendroica nigrescens*), in The Birds of North America, No. 319 (A. Poole and F. Gill, editors). The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, D.C.
- Hagar, J.C. 1999. Influence of riparian buffer width on bird assemblages in western Oregon. *Journal of Wildlife Management* 63:484-496.
- Hagar, J.C. 2001. Patterns of bird communities in coniferous forests of western Oregon and Washington. Pp 192-193 in D.H. Johnson and T.A. O'Neil (managing directors), Wildlife-habitat relationships in Oregon and Washington, Oregon State University Press, Corvallis.
- Hagar, J.C. 2004. Functional relationships among songbirds, arthropods, and understory vegetation in Douglas-fir forests, western Oregon. Ph.D. dissertation, Oregon State University, Corvallis. 143 pp.
- Hagar, J.C. 2007. Key elements of stand structure for wildlife in production forests west of the Cascade Mountains. Pp. 35-48 in T.B. Harrington and G.E. Nicholas (technical editors) Managing for wildlife habitat in west-side production forests. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-695. Portland, OR.
- Hagar, J.C. and C. Friesen. 2009. Young stand thinning and diversity study: response of songbird community one decade post-treatment. U.S. Geological Survey Open-File Report 2009-1253.
- Hagar, J.C., W.C. McComb, and C.C. Chambers. 1995. Effects of forest practices on wildlife. Chapter 9 in R.L. Beschta, J.R. Boyle, C.C. Chambers [and others]. Cumulative effects of forest practices in Oregon: literature and synthesis. Oregon State University, Corvallis.
- Hagar, J.C., W.C. McComb, and W.H. Emmingham. 1996. Bird communities in commercially thinned and unthinned Douglas-fir stands of western Oregon. *Wildlife Society Bulletin* 24:353-366.
- Hagar, J.C., S. Howlin, and L.M. Ganio. 2004. Short-term response of songbirds to experimental thinning of young Douglas-fir forests in the Oregon Cascades. *Forest Ecology and Management* 199:333-347.
- Halpern, C.B. and T.A. Spies. 1995. Plant species diversity in natural and unmanaged forests of the Pacific Northwest. *Ecological Applications* 5:913-934.
- Halpern, C.B., S.A. Evans, C.R. Nelson, D. McKenzie, D.A. Liguori, D.E. Hibbs, and M.G. Halaj. 1999. Response of forest vegetation to varying levels and patterns of green-tree retention: an overview of a long-term experiment. *Northwest Science* 73:27-44.
- Hansen, A.J., and P. Hounihan. 1996. Canopy tree retention and avian diversity in the Oregon Cascades. Pp. 401-421 in R.C. Szaro and D.W. Johnston (editors), Biodiversity in managed landscapes: theory and practice. Oxford University Press, New York.
- Hansen, A.J., S.L. Garman, B. Marks, D.A. Urban. 1993. An approach for managing vertebrate diversity across multiple-use landscapes. *Ecological Applications* 3:481-496.
- Hansen, A.J., T.A. Spies, F.J. Swanson, and J.L. Ohmann. 1991. Conserving biodiversity in managed forests. *BioScience* 41:382-392.
- Hansen, A.J., W.C. McComb, R. Vega, M.G. Raphael, and M. Hunter. 1995. Bird habitat relationships in natural and managed forests in the west Cascades of Oregon. *Ecological Applications* 5:555-569.
- Harrington, T.B. and J.C. Tappeiner II. 2007. Silvicultural guidelines for creating and managing wildlife habitat in west-side production forests. Pp. 49-60 in T.B. Harrington and G.E. Nicholas (technical editors), Managing for wildlife habitat in west-side production forests. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-695. Portland, OR.
- Harris, L.D. 1984. The fragmented forest: Island biogeographic theory and the preservation of biotic diversity. University of Chicago Press. 211 pp.
- Hartwig, C. L., D. S. Eastman, and A. S. Harestad. 2002. Forest age and relative abundance of pileated woodpeckers on southeastern Vancouver Island. U.S. Department of Agriculture, Forest Service General Technical Report PSW-GTR-181.

- Hartwig, C. L., D. S. Eastman, and A. S. Harestad. 2004. Characteristics of pileated woodpecker (*Dryocopus pileatus*) cavity trees and their patches on southeastern Vancouver Island, British Columbia, Canada. *Forest Ecology and Management* 187:225-234.
- Hartwig, C.L., D.S. Eastman, and A.S. Harestad. 2006. Characteristics of foraging sites and the use of structural elements by the pileated woodpecker on southeastern Vancouver Island, British Columbia, Canada. *Annales Zoologici Fennici* 43:186-197.
- Hayes, J.P., S.S. Chan, W.H. Emmingham, J.C. Tappeiner, L.D. Kellogg, and J.D. Bailey. 1997. Wildlife response to thinning young forests in the Pacific Northwest. *Journal of Forestry* 95:28-33.
- Hayes, J.P., J.M. Weikel, and M. Huso. 2003. Response of birds to thinning young Douglas-fir forests. *Ecological Applications* 13:1222-1232.
- Hejl, S.J. 1994. Human-induced changes in bird populations in coniferous forests in western North America during the past 100 years. Pp. 232-246 in J.R. Jehl, Jr. and N.K. Johnson (editors), *A century of avifaunal change in western North America*. *Studies in Avian Biology* No. 15. Cooper Ornithological Society.
- Holthausen, R.S., M.G. Raphael, K.S. McKelvey, E.D. Forsman, E.E. Starkey, and D.E. Seamen. 1995. The contribution of Federal and non-Federal habitat to persistence of the northern spotted owl on the Olympic Peninsula, Washington: report of the reanalysis team. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-352.
- Horvath, O. 1963. Contributions to nesting ecology of forest birds. M.F. Thesis, University of British Columbia, Vancouver. 182 pp.
- Huff, M.H., N.E. Seavy, J.D. Alexander, and C.J. Ralph, C.J. 2005. Fire and birds in the maritime Pacific Northwest. *Studies in Avian Biology* 30:46-62.
- Hurt, M. 1996. The influence of forest fragmentation and vegetation structure on the breeding distribution of Varied Thrushes in redwood forests. M.S. Thesis, Humboldt State University, Arcata, CA. 42 pp.
- Hutto, R.L. 1995. Composition of bird communities following stand-replacement fires in the Northern Rocky Mountain (U.S.A.) conifer forests. *Conservation Biology* 9:1041-1058.
- Irwin, L. L. and T. B. Wigley. 1993. Toward an experimental basis for protecting forest wildlife. *Ecological Applications* 3: 213-217.
- Janes, S.W. 2003. Hermit Warbler. Pp. 515-517 in *Birds of Oregon: a general reference*. (D.B. Marshall, M.G. Hunter, and A.L. Contreras, editors). Oregon State University Press, Corvallis.
- Johnson, D.H., and T.A. O'Neil (managing directors). 2001. *Wildlife-habitat relationships in Oregon and Washington*. Oregon State University Press, Corvallis. 768 pp.
- K.N. Johnson and J.F. Franklin. 2009. Restoration of federal forests in the Pacific Northwest: strategies and management implications. August 15, 2009. <http://www.forestry.oregonstate.edu/cof/fs/PDFs/JohnsonExecutiveSummary.pdf>.
- Lambeck, R.J. 1997. Focal species: a multi-species umbrella for nature conservation. *Conservation Biology* 11:849-856.
- Lehmkuhl, J.F. and L.F. Ruggiero. 1991. Forest fragmentation in the Pacific Northwest and its potential effects on wildlife. Pp. 35-46 in L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (technical coordinators), *Wildlife and vegetation of unmanaged Douglas-fir forests*. U.S. Department of Agriculture, Forest Service General Technical Report PNW-285.
- Lehmkuhl, J.F., S.D. West, C.L. Chambers, W.C. McComb, D.A. Manuwal, K.B. Aubry, J.L. Erickson, R.A. Glitzen, and M.Leu. 1999. An experiment for assessing wildlife response to varying levels and patterns of green-tree retention. *Northwest Science* 73:45-63.
- Lehmkuhl, J.F., C.O. Loggers, and J.H. Creighton. 2002. Wildlife considerations for small diameter timber harvesting. Pp. 85-92 in D.M. Baumgartner, L.R. Johnson, and E.J. DePuit (editors), *Small diameter timber: resource management, manufacturing, and markets*. Washington State University Cooperative Extension, Pullman. MISC0509.
- Leidolf, A., T. Nuttle, and M.L. Wolfe. 2007. Spatially scaled response of a Lazuli Bunting population to fire. *Western North American Naturalist* 67:1-7.
- Leonard, J.P. 1998. Nesting and foraging ecology of Band-tailed Pigeons in western Oregon: Corvallis. Ph.D. dissertation, Oregon State University, Corvallis. 95 pp.
- Leu, M. 2000. Breeding territory settlement patterns and mate choice in a monochromatic tyrannid flycatcher. Ph.D dissertation, University of Washington, Seattle. 129 pp.

- Lundquist, R.W. and J.M. Mariani. 1991. Nesting habitat and abundance of snag-dependent birds in the southern Washington Cascade range. Pp. 221-240 in L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (technical coordinators), Wildlife and vegetation of unmanaged Douglas-fir forests. U.S. Department of Agriculture, Forest Service General Technical Report PNW-285.
- Mannan, R.W., E.C. Meslow, and H.M. Wight. 1980. Use of snags by birds in Douglas-fir forests, western Oregon. *Journal of Wildlife Management* 44:787-797.
- Manuwal, D.A., and N.J. Manuwal. 2002. Effects of habitat fragmentation on birds in the coastal coniferous forests of the Pacific Northwest. Pp. 103-112 in T.L. George and D.S. Dobkin (editors), Effects of habitat fragmentation on birds in western landscapes: contrasts with paradigms from the eastern U.S. *Studies in Avian Biology* 25. Cooper Ornithological Society.
- Manuwal, D.A., and N. Palazzotto. 2004. Bird community response to thinning in coniferous forests at Fort Lewis, Washington: Unpublished final report submitted to U.S. Army, Department of Defense, Fort Lewis, Washington. 101 pp.
- Manuwal, D.A., and S. Pearson. 1997. Bird populations in managed forests in the western Cascade Mountains, Washington. Pp. 1-61 in K.B. Aubry, S.D. West, D.A. Manuwal, A.B. Stringer, J.L. Erickson, and S.F. Pearson (editors), Wildlife use of managed forests: a landscape perspective. Timber, Fish and Wildlife Technical Report TFW-WL4-98-002.
- Manuwal, D.A., M.H. Huff, M.R. Bauer, C.B. Chappell, and K. Hegstad. 1987. Summer birds of the upper subalpine zone of Mount Adams, Mount Rainer, and Mount Saint Helens, Washington. *Northwest Science* 61:82-92.
- Marcot, B.G. 1984. Habitat relationships of birds and young-growth Douglas-fir in northwestern California. Ph.D. Dissertation, Oregon State University, Corvallis. 282 pp.
- Mariani, J.M. 1987. Brown creeper (*Certhia americana*) abundance patterns and habitat use in the southern Washington Cascades. M.S. Thesis, University of Washington, Seattle. 67 pp.
- Mariani, J.M., and D.A. Manuwal. 1990. Factors influencing brown creeper *Certhia americana* abundance patterns in the southern Washington Cascade Range. Pp 53-57 in M.L. Morrison, C.J. Ralph, J. Verner., and J.R. Jehl Jr. (editors). *Studies in Avian Biology*, Volume 13. Avian foraging: theory, methodology, and applications.
- Marshall, D.B., M.G. Hunter, and A.L. Contreras (editors). 2003. *Birds of Oregon: a general reference*. Oregon State University Press, Corvallis. 768 pp.
- Marzluff, J.M. 2001. Worldwide urbanization and its effects on birds. Pp 19-47 in J.M. Marzluff, R. Bowman, and R. Donnelly (editors). *Avian ecology and conservation in an urbanizing world*. Kluwer Academic Publishers, Boston, MA.
- Marzluff, J.M., M.G. Raphael, and R. Sallabanks. 2000. Understanding the effects of forest management on avian species. *Wildlife Society Bulletin* 28:1132-1143
- Mayrhofer, M. 2006. Spatial point processes and brown creepers (*Certhia americana*): estimating habitat use of a silvicultural experiment. M.S. Thesis, University of Washington, Seattle. 60 pp.
- McComb, W.C., T.A. Spies, W.H. Emmingham. 1993. Douglas-fir forests: managing for timber and mature-forest habitat. *Journal of Forestry* 91:31-42.
- McGarigal, K. and W.C. McComb. 1992. Streamside versus upslope breeding bird communities in the central Oregon Coast Range. *Journal of Wildlife Management* 56:10-21.
- McGarigal, K. and W.C. McComb. 1995. Relationships between landscape structure and breeding birds in the Oregon Coast Range. *Ecological Monographs* 65:235-260.
- McGarigal, K. and W.C. McComb. 1999. Forest fragmentation effects on breeding bird communities in the Oregon Coast Range. Pp.223-246 in J.A. Rochelle, L.A. Lehmann, and J. Wisniewski (editors), *Forest fragmentation: wildlife and management implications*. Brill Publications, The Netherlands.
- Mellen, T.K., E.C. Meslow, and R.W. Mannan. 1992. Summertime home range and habitat use of pileated woodpeckers in western Oregon. *Journal of Wildlife Management*. 56:96-103.
- Meslow, E.C. and H.M. Wight. 1975. Avifauna and succession in Douglas-fir forests of the Pacific Northwest. Pp. 266-271 in D.R. Smith (technical coordinator), *Proceedings of the symposium on management of forest and rangeland habitats for non-game birds*. U.S. Department of Agriculture, Forest Service General Technical Report.WO-1.
- Morrison, M.L. 1981. The structure of western warbler assemblages: analysis of foraging behavior and habitat selection in Oregon. *Auk* 98:578-588.

- Morrison, M.L. 1982. The structure of western warbler assemblages: ecomorphological analysis of the black-throated gray and hermit warblers. *Auk* 99:503-513.
- Morrison, M.L. and M.E. Meslow. 1983. Avifauna associated with early growth vegetation on clearcuts in the Oregon coast ranges. U.S. Department of Agriculture, Forest Service Research Paper PNW-305. Portland, OR.
- Muir, P.S., R.L. Mattingly, J.C. Tappeiner II, J.D. Bailey, W.E. Elliott, J.C. Hagar, J.C. Miller, E.B. Peterson, E.E. and Starkey. 2002. Managing for biodiversity in young Douglas-fir forests of western Oregon. U.S. Geological Survey, Biological Resources Division, Biological Sciences Report USGS/BRD/BSR-2002-0006.
- Neitro, W.A., V.W. Brinkley, S.P. Cline, R.W. Mannan, B.G. Marcot, D. Taylor, and F.F. Wagner. 1985. Snags. Pp.129-168 in E.R. Brown (technical editor), Management of wildlife and fish habitats in western Oregon and Washington. U.S. Department of Agriculture, Forest Service Pacific Northwest Region. Portland, OR.
- North American Bird Conservation Initiative. 2000. North American Bird Conservation Initiative: Bird Conservation Region descriptions. U.S. Fish and Wildlife Service, Washington, D.C.
- North American Bird Conservation Initiative, U.S. Committee. 2010. The State of the Birds 2010 Report on Climate Change. United States of America, U.S. Department of the Interior, Washington, D.C.
- North American Bird Conservation Initiative Monitoring Subcommittee (NABCI). 2007. *Opportunities for Improving Avian Monitoring*. U.S. North American Bird Conservation Initiative Report. 50 pp. Available from the Division of Migratory Bird Management, U.S. Fish and Wildlife Service, Arlington, VA; <http://www.nabci-us.org/>.
- Nelson, S.K. 1988. Habitat use and densities of cavity-nesting birds in the Oregon coast ranges. M.S. Thesis, Oregon State University, Corvallis. 157 pp.
- Noss, R.F. 1996. Ecosystems as conservation targets. *Trends in Ecology and Evolution* 11:351.
- Noss, R.F. 1999. Assessing and monitoring forest biodiversity: a suggested framework and indicators. *Forest Ecology and Management* 115:135-146.
- Nott, M.P., D.F. DeSante, P. Pyle, and N. Michel. 2005. Pacific Northwest forest bird population declines: formulating population management guidelines from landscape-scale ecological analyses of MAPS data from avian communities on seven national forests in the Pacific Northwest. A report to the U.S. Department of Agriculture, Forest Service Region 6, NFWF project #2002-0232-000. Institute for Bird Populations, Point Reyes Station, CA.
- Nott, M.P. 2009. Managing bird populations in forests of the Pacific Northwest: materials for managers and GIS specialists. Institute for Bird Populations, Species Management Accounts. [http://www.birdpop.org/usfsr6/usfsnwr6\\_materials.htm](http://www.birdpop.org/usfsr6/usfsnwr6_materials.htm).
- Oliver, C.D. 1981. Forest development in North America following major disturbances. *Forest Ecology and Management* 3:153-168.
- Olson, D.H., J.C. Hagar, A.B. Carey, J.H. Cissel, and F.J. Swanson. 2001. Wildlife of westside and high montane forests. Pp 187-212 in D.H. Johnson and T.A. O'Neil (managing directors), Wildlife-habitat relationships in Oregon and Washington. Oregon State University Press, Corvallis.
- Oregon Department of Fish and Wildlife. 2005. The Oregon Conservation Strategy. Oregon Department of Fish and Wildlife, Salem, Oregon. [http://www.dfw.state.or.us/conservation\\_strategy/](http://www.dfw.state.or.us/conservation_strategy/).
- Panjabi, A.O., E.H. Dunn, P.J. Blancher, W.C. Hunter, B. Altman, J. Bart, C.J. Beardmore, H. Berlanga, G.S. Butcher, S.K. Davis, D.W. Demarest, R. Dettmers, W. Easton, H. Gomez de Silva Garza, E.E. Inigo-Elias, D.N. Pashley, C.J. Ralph, T.D. Rich, K.V. Rosenberg, C.M. Rustay, J.M. Ruth, J.S. Wendt, and T.C. Will. 2005. The Partners in Flight Handbook on Species Assessment. Version 2005. Partners in Flight Technical Series No. 3. <http://www.rmbo.org/pubs/downloads/Handbook2005.pdf>.
- Pashley, D.N., C.J. Beardmore, J.A. Fitzgerald, R.P. Ford, W.C. Hunter, M.S. Morrison, and K.V. Rosenberg. 2000. Partners in Flight: conservation of the landbirds of the United States. American Bird Conservancy, The Plains, Virginia.
- Pearson, S.F. 1997. Hermit warbler (*Dendroica occidentalis*). In *The Birds of North America*, No. 303. (A. Poole and F. Gill, editors). The Academy of Natural Sciences, Philadelphia, PA, and The American Ornithological Union, Washington, D.C.
- Pearson, S.F. and D.A. Manuwal. 2001. Breeding bird response to riparian buffer width in managed Pacific Northwest Douglas-fir forests. *Ecological Applications* 11:840-853.

- Peters, R.L. 1992. Conservation of biological diversity in the face of climate change. *In* Global Warming and Biological Diversity (R.L. Peters and T.E. Lovejoy, editors). Yale University Press, New Haven.
- Pickett, S.T.A. and P.S. White. (editors). 1985. The ecology of natural disturbances and patch dynamics. Academic Press, Orlando, FL.
- Primack, R.B. 1998. Essentials of conservation biology. Sinauer Associates, Sunderland, MA.
- Raley, C. M. and K. B. Aubry. 2006. Foraging ecology of pileated woodpeckers in coastal forests of Washington. *Journal of Wildlife Management* 70:1266-1275.
- Ralph, C.J., G.R. Geupel, P. Pyle, T.E. Martin, and D.F. DeSante. 1993. Handbook of field methods for monitoring landbirds. USDA Forest Service, Pacific Southwest Research Station General Technical Report PSW-GTR-144. 41 pp.
- Rempel, R.S. 2007. Selecting focal songbird species for biodiversity conservation assessment: response to forest cover amount and configuration. *Avian Conservation and Ecology* 2(1) Bird conservation in the boreal forest: is there a case for resilience? (F. Schmiegelow and M-A Villard, editors). <http://www.ace-eco.org/vol2/iss1/art6/>.
- Rich, T.D., C.J. Beardmore, H. Berlanga, P.J. Blancher, M.S.W. Bradstreet, G.S. Butcher, D.W. Demarest, E.H. Dunn, W.C. Hunter, E.E. Inigo-Elias, J.A. Kennedy, A.M. Martell, A.O. Panjabi, D.N. Pashley, K.V. Rosenberg, C.M. Rustay, J.S. Wendt, and T.C. Will. 2004. Partners in Flight North American Landbird Conservation Plan: Ithaca, NY, Cornell Lab of Ornithology. [http://www.partnersinflight.org/cont\\_plan/](http://www.partnersinflight.org/cont_plan/).
- Robbins, C.S., D. Bystrak, and P.H. Geissler. 1986. The Breeding Bird Survey: its first 15 years, 1965-1979. U.S. Department of the Interior, Fish and Wildlife Service Research Publication 157:133-159. Washington, D.C.
- Robbins, C.S., J.R. Sauer, R. Greenburg, and S. Droege. 1989. Population declines in North American birds that migrate to the neotropics. *Proceedings of the National Academy of Sciences*. 86:7658-7662.
- Robinson, S.K., F.R. Thompson, T.M. Donovan, D.R. Whitehead, and J. Faaborg. 1995. Regional forest fragmentation and the nesting success of migratory birds. *Science* 267:1987-1990.
- Rosenberg, K.V. 2004. Association of Fish and Wildlife Agencies Partners in Flight Landbird Reports. [http://fishwildlife.org/allbird\\_landbird.html](http://fishwildlife.org/allbird_landbird.html).
- Rosenberg, K.V. and M.G. Raphael. 1986. Effects of forest fragmentation on vertebrates in Douglas-fir forests. Pp. 263-272 *in* J. Verner, M.L. Morrison, and C.J. Ralph (editors) *Wildlife 2000: modeling habitat relationships of terrestrial vertebrates*. University of Wisconsin Press, Madison.
- Rosenberg, K.V., R.S. Hames, R.W. Rohrbaugh, Jr., S. Barker Swarthout, J.D. Lowe, and A.A. Dhondt. 2003. A land manager's guide to improving habitat for forest thrushes. The Cornell Lab of Ornithology. 29 pp.
- Sakai, H.F. and B.R. Noon. 1991. Nest-site characteristics of Hammond's and Pacific-slope flycatchers in northwestern California. *Condor* 93:563-574.
- Sallabanks, R., E. Arnett, T.B. Wigley, and L. Irwin. 2001. Accommodating birds in managed forests of North America: a review of bird-forestry relationships. National Council for Air and Stream Improvement, Technical Bulletin No. 822. Research Triangle Park, NC. 50 pp. plus appendices.
- Sallabanks, R. and T. Quinn. 2000. Can we infer habitat quality from the results of wildlife surveys?. Washington Department of Fish and Wildlife TFW-LWAG6-01-001. Olympia, WA. 187 pp.
- Salwasser, H. 2001. Single species, multiple species, or ecosystem management: a perspective on approaches to wildlife conservation. Pp 624-627 *in* D.H. Johnson and T.A. O'Neil (managing directors), *Wildlife-habitat relationships in Oregon and Washington*, Oregon State University Press, Corvallis.
- Sauer, J. R., J.E. Hines, and J. Fallon. 2008. The North American Breeding Bird Survey, Results and Analysis 1966 - 2007. Version 5.15.2008, U.S. Geological Survey, Patuxent Wildlife Research Center, Laurel, MD. <http://www.mbr-pwrc.usgs.gov/bbs/bbs.html>.
- Schieck, J., K. Lertzman, B. Nyberg, and R. Page. 1995. Effects of patch size on birds in old-growth montane forests. *Conservation Biology* 9:1072-1084.
- Schreiber, B. and D.S. deCalesta. 1992. The relationship between cavity-nesting birds and snags on clearcuts in western Oregon. *Forest Ecology and Management* 50:299-316.
- Schroeder, R.L. 1984. Habitat suitability index models: Blue Grouse. U.S. Department of Interior, Fish and Wildlife Service FWS/OBS-82/10.81. 19 pp.
- Seavy, N.E. 2006. Effects of disturbance on animal communities: fire effects on birds in mixed-conifer forest. Ph.D. Dissertation, University of Florida, Gainesville. 112 pp.



- Seigel, R.B., and D.F. DeSante. 2003. Bird communities in thinned versus unthinned Sierran mixed conifer stands. *Wilson Bulletin* 115:155-165.
- Smith, J.B. 2004. A synthesis of potential climate change impacts on the U.S. Arlington, Virginia: Pew Center on Global Climate Change. 44pp.
- Smith, M.R., P.W. Mattocks, Jr., and K.M. Cassidy. 1997. Breeding birds of Washington State. Vol. 4 in Washington State Gap Analysis - Final report (K.M. Cassidy, C.E. Grue, M.R. Smith, and K.M. Dvornich, editors). Seattle Audubon Society Publications in Zoology Number 1. Seattle, WA. 538 pp.
- Spies, T.A. and J.F. Franklin. 1991. The structure of natural, young, mature, and old-growth Douglas-fir forests in Oregon and Washington. Pp. 91-109 in L.F. Ruggiero, K.B. Aubry, A.B. Carey, and M.H. Huff (technical coordinators), *Wildlife and vegetation of unmanaged Douglas-fir forests*. U.S. Department of Agriculture, Forest Service General Technical Report PNW-GTR-285.
- Swanson, F.J. and J.F. Franklin. 1992. New forestry principles from ecosystem analysis of Pacific Northwest forests. *Ecological Applications* 2:262-274.
- Thomas, J.W. (editor) 1979. *Wildlife habitats in managed forests of the Blue Mountains of Oregon and Washington*. U.S. Department of Agriculture, Forest Service Agricultural Handbook 553.
- Thomas, J.W., M.G. Raphael, R.G. Anthony, E.D. Forsman, A.G. Gunderson, R.S. Holthausen, B.G. Marcot, G.H. Reeves, J.R. Sedell, and D.M. Solis. 1993. Viability assessments and management considerations for species associated with late-successional and old-growth forests of the Pacific Northwest. U.S. Department of Agriculture, Forest Service and U.S. Department of Interior, Bureau of Land Management. 530 pp.
- Thompson, F.R., T.M. Donovan, R.M. DeGraff, J. Faaborg, and S.K. Robinson. 2002. A multi-scale perspective of the effects of forest fragmentation on birds in eastern forests. Pp. 8-19 in T.L. George and D.S. Dobkin. (editors), *Effects of habitat fragmentation on birds in western landscapes: contrasts with paradigms from the eastern U.S.* *Studies in Avian Biology* 25. Cooper Ornithological Society.
- U.S.D.A. Forest Service and U.S.D.I. Bureau of Land Management. 1994. Record of decision for amendments to Forest Service and Bureau of Land Management planning documents within the range of the northern spotted owl. U.S. Government Printing Office: 1994-589-111/00001.
- U.S. Environmental Protection Agency. 1996. Level III ecoregions of the continental United States (revision of Omernik 1987). U.S. Environmental Protection Agency, National Health and Environmental Effects Research Laboratory, Map M-1. Corvallis, Oregon.
- VanHorne, B. 1983. Density as a misleading indicator of habitat quality. *Journal of Wildlife Management* 47:893-901.
- Van Pelt, R. 2007. Identifying Mature and Old Forests in Western Washington. Washington State Department of Natural Resources, Olympia, WA, 40 pp.
- Vega, R.M.S. 1993. Bird communities in managed conifer stands in the Oregon Cascades: habitat associations and nest predation. M.S. Thesis, Oregon State University, Corvallis. 83 pp.
- Wahl, T.R., B. Tweit, and S.G. Mlodinow (editors). 2005. *Birds of Washington: Status and Distribution*. Oregon State University Press, Corvallis. 436 pp.
- Washington Department of Fish and Wildlife. 1995. Priority habitat management recommendations: snags. Washington Department of Fish and Wildlife, Olympia. 137 pp.
- Washington Department of Fish and Wildlife 2005. *Comprehensive Wildlife Conservation Strategy*. Washington Department of Fish and Wildlife, Olympia. <http://wdfw.wa.gov/wlm/cwcs>.
- Weikel, J. 1997. Habitat use by cavity-nesting birds in young thinned and unthinned Douglas-fir forests of western Oregon. M.S. Thesis, Oregon State University, Corvallis. 102 pp.
- Weikel, J.M. and Hayes, J.P. 1999. The foraging ecology of cavity-nesting birds in young forests of the northern Coast Range of Oregon. *Condor* 101(1):58-66.
- Whitcomb, R.F., C.S. Robbins, J.F. Lynch, B.L. Whitcomb, M.K. Klimkiewicz, and D. Bystrak. 1981. Effects of forest fragmentation on avifauna of the eastern deciduous forest. Pp. 125-205 in R.L. Burgess and D.M. Sharpe (editors), *Forest island dynamics in man-dominated landscapes*. Springer-Verlag, New York, New York.
- Whittaker, R.H. 1960. Vegetation of the Siskiyou Mountains, Oregon and California. *Ecological Monograph* 30:279-338.

- Wiens, J.A. 1975. Avian communities, energetics, and functions in coniferous forest habitats. Pp. 226-265 *in* D.R. Smith (technical coordinator), Proceedings of the symposium on management of forest and range habitats for nongame birds. U.S. Department of Agriculture, Forest Service General Technical Report WO-1.
- Will, T.C., J.M. Ruth, K.V. Rosenberg, D. Krueper, D. Hahn, J. Fitzgerald, R. Dettmers, and C.J. Beardmore. 2005. The five elements process: designing optimal landscapes to meet bird conservation objectives. Partners in Flight Technical Series, No. 1. [http:// www. partnersinflight.org/pubs/ts/01-FiveElements.pdf](http://www.partnersinflight.org/pubs/ts/01-FiveElements.pdf).
- Zarnowitz, J. and D. Manuwal. 1985. The effects of forest management on cavity-nesting birds in northwestern Washington. *Journal of Wildlife Management* 49:255-263.