

Curriculum Vitae of Chad T. Hanson, Ph.D.

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EDUCATION

University of California at Davis, Ph.D., Ecology, 2007

University of Oregon, Juris Doctorate, 1995

University of California at Los Angeles, Bachelor of Science, 1991

BOOKS AND BOOK CHAPTERS

DellaSala, D.A., and C.T. Hanson (Editors). 2015a. The ecological importance of mixed-severity fires: nature's phoenix. Elsevier Inc., Waltham, MA, USA.

DellaSala, D.A., and C.T. Hanson. 2015b. Preface: Higher severity fires as nature's phoenix. In: DellaSala, D.A., and C.T. Hanson (Editors). The ecological importance of mixed-severity fires: nature's phoenix. Elsevier Inc., Waltham, MA, USA.

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Whitlock, C., D.A. DellaSala, S. Wolf, and C.T. Hanson. 2015. Chapter 9: Climate change: uncertainties, shifting baselines, and fire management. In: DellaSala, D.A., and C.T. Hanson (Editors). The ecological importance of mixed-severity fires: nature's phoenix. Elsevier Inc., Waltham, MA, USA.

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JOURNAL ARTICLES

Hanson, C.T. 2018. Landscape heterogeneity following high-severity fire in California's forests.

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Hanson, C.T. 2018. Wildfire in the age of climate change. *BioScience* **68**: 146-148.

Hanson, C.T., M.L. Bond, and D.E. Lee. 2018. Effects of post-fire logging on California spotted owl occupancy. *Nature Conservation* **24**: 93-105.

Baker, W.L., and C.T. Hanson. 2017. Improving the use of early timber inventories in reconstructing historical dry forests and fire in the western United States. *Ecosphere* **8**: Article e01935.

DellaSala, D.A., R.L. Hutto, C.T. Hanson, M.L. Bond, T. Ingalsbee, D. Odion, and W.L. Baker. 2017. Accommodating mixed-severity fire to restore and maintain ecosystem integrity with a focus on the Sierra Nevada of California, USA. *Fire Ecology* **13**: 148-171.

Bradley, C.M. C.T. Hanson, and D.A. DellaSala. 2016. Does increased forest protection correspond to higher fire severity in frequent-fire forests of the western USA? *Ecosphere* **7**: article e01492.

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Odion, D.C., C.T. Hanson, W.L. Baker, D.A. DellaSala, and M.A. Williams. 2016. Areas of agreement and disagreement regarding ponderosa pine and mixed conifer forest fire regimes: a dialogue with Stevens et al. *PLoS ONE* **11**: e0154579.

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Hanson, C.T. 2015. Use of higher-severity fire areas by female Pacific fishers on the Kern Plateau, Sierra Nevada, California, USA. *The Wildlife Society Bulletin* **39**: 497-502.

Hanson, C.T., and D.C. Odion. 2015. Sierra Nevada fire severity conclusions are robust to further analysis: a reply to Safford et al. *International Journal of Wildland Fire* **24**: 294-295.

Hanson, C.T. 2014. Conservation concerns for Sierra Nevada birds associated with high-severity fire. *Western Birds* **45**: 204-212.

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Hanson, C.T., and M.P. North. 2009. Post-fire survival and flushing in three Sierra Nevada conifers with high initial crown scorch. *International Journal of Wildland Fire* **18**: 857-864.

Bond, M.L., D.E. Lee, C.M. Bradley, and C.T. Hanson. 2009. Influence of pre-fire mortality from insects and drought on burn severity in conifer forests of the San Bernardino Mountains, California. *The Open Forest Science Journal* **2**: 41-47.

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Hanson, C.T., and M.P. North. 2008. Postfire woodpecker foraging in salvage-logged and unlogged forests of the Sierra Nevada. *The Condor* **110**: 777-782.

Odion, D.C., and C.T. Hanson. 2008. Fire severity in the Sierra Nevada revisited: conclusions robust to further analysis. *Ecosystems* **11**: 12-15.

Hanson, C.T. 2007. Post-fire management of snag forest habitat in the Sierra Nevada. Ph.D. dissertation, University of California at Davis. Davis, CA.

Hanson, C.T., and M.P. North. 2006. Post-fire epicormic branching in Sierra Nevada *Abies concolor* (white fir). *International Journal of Wildland Fire* **15**: 31-35.

Odion, D.C., and C.T. Hanson. 2006. Fire severity in conifer forests of the Sierra Nevada, California. *Ecosystems* **9**: 1177-1189.

Hanson, C.T., Odion, D.C. 2006. Fire Severity in mechanically thinned versus unthinned forests of the Sierra Nevada, California. In: Proceedings of the 3rd International Fire Ecology and Management Congress, November 13-17, 2006, San Diego, CA.

OTHER PUBLICATIONS

Bond, M.L., and C.T. Hanson. 2014. Petition to list the California spotted owl (*Strix occidentalis occidentalis*) as threatened or endangered under the federal Endangered Species Act. John Muir Project of Earth Island Institute, Big Bear City, CA, USA.

Hanson, C.T., J. Augustine, K. Coulter, and D. Short. 2012. Petition to list the Black-backed woodpecker (*Picoides arcticus*) as threatened or endangered under the federal Endangered Species Act. John Muir Project of Earth Island Institute, Big Bear City, CA, USA.

Hanson, C.T., and B. Cummings. 2010. Petition to the California Fish and Game Commission to list the Black-backed woodpecker (*Picoides arcticus*) as threatened or endangered under the California Endangered Species Act. John Muir Project of Earth Island Institute, Big Bear City, CA, USA.