

NATURAL RESOURCE ECOLOGY & MANAGEMENT DEPARTMENT
REFEREED JOURNAL PUBLICATIONS - 2008

--Bold denotes NREM faculty member

--Asterisk denotes post-doc, graduate student or NREM support staff as senior author

2008 (Total - 64)

Anella, L.G., **T.C. Hennessey**, and E.M. Lorenzi. 2008. Growth of balled-and-burlapped vs. bare-root trees in Oklahoma, USA. *Arboriculture and Urban Forestry* 34: 200-203.

Arnett, E.B., W.K. Brown, W.P. Erickson, J.K. Fiedler, B.L. Hamilton, T.H. Henry, A. Jain, G.D. Johnson, J. Kerns, R.R. Koford, C.P. Nicholson, **T.J. O'Connell**, M.D. Piorkowski, and R.D. Tankersley, Jr. 2008. Patterns of bat fatalities at wind energy facilities in North America. *Journal of Wildlife Management* 72: 61-78.

Ayrlimis, N., Z. Candan, and **S. Hizioglu**. 2008. Physical and mechanical properties of cardboard panels made from used beverage carton with veneer overlays. *Journal of Materials and Design* 29: 1897-1903.

Blazier, M. and **T.C. Hennessey**. 2008. Seasonal soil and foliage nutrient dynamics of a juvenile loblolly pine plantation: impacts of fertilizer formulation and vegetation suppression. *Forest Ecology and Management* 255: 3404-3415.

Brasfield, S. M., **L.G. Talent**, and D.M. Janz. 2008. Reproductive and thyroid hormone profiles in captive western fence lizards (*Sceloporus occidentalis*) following a period of brumation. *Zoo Biology* 27 (1): 36-48.

Breshears, D.D., T.E. Huxman, H.D. Adams, **C.B. Zou**, and J.E. Davison. 2008. Vegetation synchronously leans upslope as climate warms. Commentary. *Proceedings of the National Academy of Sciences of the USA* 105: 11591-11592.

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Budhathoki, C.*, **T.B. Lynch**, and J.M. Guldin. 2008. Nonlinear Mixed Modeling of Basal Area

Growth for Shortleaf Pine. *Forest Ecology and Management*. 255:3440-3446.

Budhathoki, C.*, **T.B. Lynch**, and J.M. Guldin. 2008. A Mixed-Effects Model for the Dbh-Height Relationship of Shortleaf Pine (*Pinus echinata* Mill.). *Southern Journal of Applied Forestry* 32 (1): 5-11.

Churchwell, R.T.*, **C.A. Davis**, **S.D. Fuhlendorf**, and **D.M. Engle**. 2008. Effects of patch-burn management on dickcissel nest success in a tallgrass prairie. *Journal of Wildlife Management* 72: 1596-1604.

Cobb, W.R., **R.E. Will**, R.F. Daniels, and M.A. Jacobson. 2008. Distribution and partitioning of aboveground biomass and nitrogen in four short-rotation woody crop species growing with different water and nutrient availabilities. *Forest Ecology and Management*. 255:4032-4039.

Cooper, S.M., H.L. Perotto-Baldivieso, **M.K. Owens**, M.G. Meek, and M. Figueroa-Pagán. 2008. Distribution and interaction of white-tailed deer and cattle in a semi-arid grazing system. *Agriculture, Ecosystems and Environment* 127:85-92.

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Donmez Cavdar, A., H. Kalaycioglu, and **S. Hizioglu**. 2008. Some of the properties of oriented strandboard manufactured using kraft lignin phenolic resin. *Journal of Materials Processing Technology* 202: 559-563.

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Dunkin, S.W.*, **F.S. Guthery**, S.J. DeMaso, A.D. Peoples, and E.S. Parry. 2008. Do anthropogenic structures influence space use by northern bobwhites in Oklahoma? *Journal of Wildlife Management* 73: 253-259.

DuRant, S.E., M. Romero, **L.G. Talent**, and W.A. Hopkins. 2008. Effect of exogenous corticosterone on respiration in a reptile. *General and Comparative Endocrinology* 156 (1): 126 – 133.

Engle, D.M., **S.D. Fuhlendorf**, A. Roper, and **D.M. Leslie, Jr**. 2008. Invertebrate community response to a shifting mosaic of habitat. *Rangeland Ecology and Management* 61: 55-62.

Ganguli, A.C.*, **D.M. Engle**, P. Mayer, and E. Hellgren. 2008. Plant community diversity and composition provide little resistance to *Juniperus* encroachment. *Botany* 86: 1416-1426.

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Jubsilp, C., S. Rimdusit, and **S. Hiziroglu**. 2008. High performance wood composites based on benzoxazine-epoxy alloys. *Bioresource Technology* 99: 8880-8886.

Kjelgaard, J.F., J.L. Heilman, K.J. McInnes, **M.K. Owens**, R.H. Kamps. 2008. Carbon dioxide exchange in a perennial C3/C4 grassland on the Edwards Plateau, Texas. *Agricultural and Forest Meteorology* 148: 953-963.

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Lynch, T.B. 2008. Variance reduction for radial line sampling coverage estimators. *Forest Science* 54(2): 148-157.

McConnell, S., **T.J. O’Connell**, and **D.M. Leslie, Jr.** 2008. Land cover associations of breeding habitat for three sympatric Buteos in shortgrass prairie. *The Wilson Journal of Ornithology* 120: 708–716.

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Roehrs, Z.P., B.S. Coyner, K.N. King, D.L. Martinez, J.K. Braun, M.J. Hamilton, **D.M. Leslie, Jr.**, and R. A. Van Den Bussche. 2008. New records of mammals from western Oklahoma. *Occasional Papers of the Museum of Texas Tech University* 273: 1–16.

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Wilson, J.D., D.B. Bechtel, **G.W.T. Wilson**, and P.A. Seib. 2008. Bread quality of spelt wheat and its starch. Journal of Cereal Chemistry 85: 629-638.

Zimmerman, T. J., J. A. Jenks, and **D. M. Leslie, Jr.**, and R. D. Neiger. 2008. Hepatic minerals of white-tailed and mule deer in the southern Black Hills, South Dakota. Journal of Wildlife Diseases 44: 341-350.

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