

NATURAL RESOURCE ECOLOGY & MANAGEMENT DEPARTMENT
REFEREED JOURNAL PUBLICATIONS - 2006

--Bold denotes NREM faculty member

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

2006 (Total 37)

Anderson, R.H., **S.D. Fuhlendorf**, and **D.M. Engle**. 2006. Soil N availability in tallgrass prairie under the fire - grazing interaction. *Rangeland Ecology and Management* 59: 625-631.

Aydin, I., G. Colakoglu, and **S. Hizioglu**. 2006. Effect of log temperature on some of the properties of veneer and plywood manufactured from Eastern Spruce (*Picea orientalis* L). *International Journal of Solids and Structures* 23 (20): 6140-6147.

Ayrilmis, N., S. Korkut, E. Tanritanir, J. Winandy, and **S. Hizioglu**. 2006. Effect of various fire retardants on surface roughness of plywood. *Journal of Building and Environment* 41(7): 887-892.

Bekhta, P., I. Ozarkiv, S. Alavi, and **S. Hizioglu**. 2006. A theoretical expression for drying time of thin lumber. *Bioresource Technology* 97 (13): 1572-1577.

Blazier, M.A., **T.C. Hennessey**, P.M. Dougherty, and R. Campbell. 2006. Nitrogen accumulation and use by a young loblolly pine plantation in southeast Oklahoma: Effects of fertilizer formulation and date of application. *Southern Journal of Applied Forestry* 30: 66-78.

Briske, D.D., **S.D. Fuhlendorf**, and F.E. Smeins. 2006. **Invited Synthesis**. A unified framework for Threshold Assessment and Application. *Rangeland Ecology and Management* 59: 225-236.

Coppedge, B.R., **D.M. Engle**, R.E. Masters, and **M.S. Gregory**. 2006. Development of a grassland integrity index based on breeding bird assemblages. *Environmental Monitoring and Assessment* 118: 125-145.

Dauwalter, D.C., **W.L. Fisher**, and K.C. Belt. 2006. Mapping stream habitats with a global positioning system: accuracy, precision, and comparison with traditional methods. *Environmental management* 37: 271-280.

Davis, C.A., J.E. Austin, and D.A. Buhl. 2006. Factors influencing soil invertebrate communities in riparian grasslands of the central Platte River floodplain. *Wetlands* 26: 438-454.

Fuhlendorf, S.D., W.C. Harrell, **D.M. Engle**, R.G. Hamilton, **C.A. Davis**, and **D.M. Leslie, Jr.** 2006. Should heterogeneity be the basis for grassland conservation? Grassland bird response to fire and grazing. *Ecological Applications* 16: 1706-1716.

Graber, A.E.*, C.A. Davis, and D.M. Leslie, Jr. 2006. Golden-cheeked warbler males contribute to nest-site selection. *Wilson Journal of Ornithology* 118: 247-251.

Guthrie, F.S. 2006. Review of *Collapse*. *Journal of Wildlife Management* 70: 1165.

Hickman, K.R., G.H. Farley, R. Channell, and J.E. Steier. 2006. Effects of Old World Bluestem (*Bothriochloa ischaemum*) on food availability and avian community composition within the mixed-grass prairie. *Southwestern Naturalist* 51: 524-530.

Hiziroglu, S., and P. Kosonkarn. 2006. Evaluation of surface roughness of Thai medium density fiberboard (MDF). *Journal of Building and Environment*. 41(4): 527-533.

Hohman, J., P. Adams, J. Heinrichs, G. Taggart, and K.R. Hickman. 2006. A nature of science discussion as a means of connecting mathematics and science. *Journal of College Science Teaching* 36: 18-21.

Holem, R.R., W.A. Hopkins, and L.G. Talent. 2006. Effect of acute exposure to malathion and lead on sprint performance of the western fence lizard (*Sceloporus occidentalis*). *Archives of Environmental Contamination and Toxicology* 51(1):111-116.

Kalaycioglu, H., and S. Hiziroglu. 2006. Evaluation of surface characteristics of laminated flooring. *Journal of Building and Environment* 41(6): 756-762.

Kilic, M., S. Hiziroglu, and E. Burdurlu. 2006. Effect of machining on surface roughness of wood. *Journal of Building and Environment* 41 (8): 1074-1078.

Long, J.M. and W.L. Fisher. 2006. Analysis of environmental variation in a Great Plains reservoir using principal components analysis and geographic information systems. *Lake and Reservoir Management* 22: 132-140.

Lusk, J.J., S.G. Smith, S.D. Fuhlendorf, and F.S. Guthery. 2006. Factors influencing Northern Bobwhite nest-site selection and fate. *Journal of Wildlife Management* 70: 564-571.

Lynch, T.B. 2006. Variance reduction for sector sampling. *Forest Science* 52 (3): 251-261.

Lynch, T.B. 2006. Horizontal line sampling for riparian forests without land area estimation. *For. Science* 52 (2): 119.

Martin, K.W., D.M. Leslie, Jr., M.E. Payton, W.L. Puckette, and S.L. Hensley. 2006. Impacts of passage manipulation on cave climate: conservation implications for cave-dwelling bats. *Wildlife Society Bulletin* 34: 137-143.

McConnell, S.*, J. Shackford, T. O'Connell, and D.M. Leslie, Jr. 2006. Unusual Oklahoma breeding records from Cimarron County, 2004-2005. *Bulletin of the Oklahoma Ornithological Society* 39: 17-21.

Morris, L.A., K.H. Ludovici, S.J. Torreano, E.A. Carter, M.C. Lincoln, and **R.E. Will**. 2006. An approach for using general soil physical condition–root growth relationships to predict seedling growth response to site preparation tillage in Loblolly pine plantations. *Forest Ecology and Management* 227: 169-177.

Riedle, J.D., P.A. Shipman, S.F. Fox, and **D.M. Leslie, Jr.** 2006. Microhabitat use, home range, and movements of the alligator snapping turtle, *Macrochelys temminckii*, in Oklahoma. *Southwestern Naturalist* 51: 35–40.

Schmidt, C.D.* and **K.R. Hickman**. 2006. Stolon production in Caucasian Old World Bluestem. *Transactions of the Kansas Academy of Science* 109: 74-76.

Schuler, K.L., **D.M. Leslie, Jr.**, **J.H. Shaw**, and E.J. Maichak. 2006. Temporal-spatial distribution of bison (*Bison bison*) in a tallgrass prairie fire mosaic. *Journal of Mammalogy* 87: 539–544.

Smith, S.J., and **D.M. Leslie, Jr.** 2006. *Pteropus livingstonii* (Comoro black flying fox). *Mammalian Species* 792: 1–5.

Tanritanir, E., **S. Hiziroglu** and N. As. 2006. Effect of steaming time on surface roughness of beech veneer. *Journal of Building and Environment* 41(11): 1494-1497.

Utrup, N.J., and **W.L. Fisher**. 2006. Development of a rapid bioassessment protocol for sampling fishes in large prairie rivers. *North American Journal of Fisheries Management* 26: 714-726.

Walter, W. D., **D.M. Leslie, Jr.**, and J.A. Jenks. 2006. Response of Rocky Mountain elk (*Cervus elaphus*) to wind-power development. *American Midland Naturalist* 156: 363–375.

Wang, X., Y. Huang, A.J. Mort, Y. Zeng, **C.G. Tauer**, and K.D. Cochran. 2006. Variation of taxane content in needles of *Taxus x media* cultivars with different growth characteristics. *Z. Naturforsch* 61c: 619-624.

Whittier, J. B., **D.M. Leslie, Jr.**, and R.A. Van Den Bussche. 2006. Genetic variation among subspecies of least tern (*Sterna antillarum*): implication for conservation. *Waterbirds* 29: 176–184.

Will, R.E., D. Markewitz, R.L. Hendrick, D.F. Meason, T.R. Crocker, and B.E. Borders. 2006. Nitrogen and phosphorus dynamics for a chronosequence of loblolly pine stands receiving fertilization and competition control. *Forest Ecology and Management* 227: 155-168.

Wu, Y., Y. Huang, **C.G. Tauer**, and D.L. Porter. 2006. Genetic diversity of sorghum accessions resistant to greenbugs as assessed with AFLP markers. *Genome* 49: 143-149.

Zimmerman, T.J., J.A. Jenks, and **D.M. Leslie, Jr.** 2006. Gastrointestinal morphology of female white-tailed and mule deer: effects of fire, reproduction, and feeding type. *Journal of Mammalogy* 87: 598–605.