



WARNELL

SCHOOL OF FORESTRY AND NATURAL RESOURCES
THE UNIVERSITY OF GEORGIA

2007 Publications

Forestry

Bargeron, C.T., and D.J. Moorhead. 2007. EDDMapS- Early Detection and Distribution Mapping System for the Southeast Exotic Pest Plant Council. *Wildland Weeds* 10(4):4-8.

Bargeron, C.T., A.C. Shah, G.K. Douce and D.J. Moorhead. 2007. Forest Resources Digital Information System. *Journal of Extension* 45(2).

Bell, C., and R. Izlar. 2007. Plants. Pages 113-116 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press., V. 8.

Bettinger, P., K. Boston, Y.-H. Kim, and J. Zhu. 2007. Landscape-level optimization using tabu search and stand density-related forest management prescriptions. *European Journal of Operational Research*. 176:1265-1282.

Bettinger, P., D. Greene, B. Borders, B. Izlar, T. Tye, J. Siry, T. Harris, M. Kane, and C. Cieszewski. 2007. *Handbook of land and tree measurements*. Center For Forest Business, University of Georgia, Athens, GA. 320pp.

Bettinger, P., C.P. Holliday, M.S. Threadgill, and C.A. Hyldahl. 2007. On integrating water yield models with forest planning efforts. *Water Policy*. 9:631-643.

Blake, N., and R. Izlar. 2007. Flood Control and Drainage. Pages 70-73 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press. V. 8.

Bolding, C., D. Greene, and T. Straka. 2007. Estimating equipment costs. *Forest Products Equipment* 16(3):26, 28-31.

Bolding, M.C., W.D. Greene, and T.J. Straka. 2007. Forest products financial

decisions: Harvesting operations analysis. *Forest Products Equipment* 16(4):24-27, 30.

Cieszewski, C.J, and M. Strub. 2007. Parameter estimation of base-age invariant site index models: which data structure to use? – Discussion. *Forest Science* 53(5):552-555.

Cieszewski, C.J, M. Strub, and M.J. Zasada. 2007. New Dynamic site equation that fits best the Schwappach data for Scots pine (*Pinus sylvestris* L.) in Central Europe. *Forest Ecology and Management* 243: 83-93.

Coder, K. D. 2007. Tree history: The early years. *Arborist News* 16(4):54-56.

Coder, K. D. 2007. Mistletoe infection in trees. *Christmas Trees* 33(3):15,16,18,19.

Coder, K. D. 2007. Lightning and trees manual: Foundation principles for understanding damage. University of Georgia Warnell School of Forestry & Natural Resources Outreach monograph WSNR07-4. 103pp.

Coder, K. D. 2007. Primer on autumn tree leaf colors. University of Georgia Warnell School of Forestry & Natural Resources Outreach monograph WSNR07-7. 45pp.

Coder, K. D. 2007. Soil compaction stress and trees: Symptoms, measures, treatments. University of Georgia Warnell School of Forestry & Natural Resources Outreach monograph WSNR07-9. 97pp.

Coder, K. D. 2007. Water, drought and trees: Understanding foundation principles for tree health. University of Georgia Warnell School of Forestry & Natural Resources Outreach monograph WSNR07-6. 103pp.

Coder, K. D. 2007. A new order: Georgia's selected demographic trends and changes impacting forest resource decision making. University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSNR07-1. 9pp.

Coder, K. D. 2007. Attributes of water. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSNR07-22. 16pp..

Coder, K. D. 2007. Autumn color expression for selected trees. (Autumn Tree Leaf Color Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSNR07-37. 5pp.

Coder, K. D. 2007. Autumn leaf colors. (Autumn Tree Leaf Color Series).

University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-32. 7pp.

Coder, K. D. 2007. Drought damage to trees. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-27. 11pp.

Coder, K. D. 2007. Drought resistant trees. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-30. 3pp.

Coder, K. D. 2007. Effective grounding. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-16. 9pp.

Coder, K. D. 2007. Essential literature. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-20. 2pp.

Coder, K. D. 2007. Fall color expression. (Autumn Tree Leaf Color Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-35. 10pp..

Coder, K. D. 2007. First-aid outline for tree workers. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-21. 3pp.

Coder, K. D. 2007. Grey water use for trees. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-8. 6pp.

Coder, K. D. 2007. Ground rod configuration and testing. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-17. 11pp.

Coder, K. D. 2007. Heat stress interactions. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-26. 11pp.

Coder, K. D. 2007. History of Southern arboriculture. University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-5. 9pp.

Coder, K. D. 2007. Key installation features. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-18. 5pp.

- Coder, K. D. 2007. Leaf senescence and abscission. (Autumn Tree Leaf Color Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-33. 8pp.
- Coder, K. D. 2007. Lightning generation and power. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-10. 9pp.
- Coder, K. D. 2007. Pigment palette. (Autumn Tree Leaf Color Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-34. 16pp.
- Coder, K. D. 2007. Protection system design. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-14. 11pp.
- Coder, K. D. 2007. Root area ground voltage. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-12. 6pp.
- Coder, K. D. 2007. Selected drought literature. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-31. 2pp.
- Coder, K. D. 2007. Selected literature. (Autumn Tree Leaf Color Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-36. 2pp.
- Coder, K. D. 2007. Soil water assessments. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-28. 16pp.
- Coder, K. D. 2007. Soil / water environment. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-23. 10pp.
- Coder, K. D. 2007. Storms and wind loads on trees. University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-3. 16pp.
- Coder, K. D. 2007. Strike risk assessment. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-19. 14pp.
- Coder, K. D. 2007. Supplemental watering. (Trees and Drought Series).

University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-29. 4pp.

Coder, K. D. 2007. Taxonomy and identification: Redbay (*Persea borbonia*). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-2. 10pp.

Coder, K. D. 2007. Tree damage process. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-13. pp.

Coder, K. D. 2007. Tree strike probability. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-11. 12pp.

Coder, K. D. 2007. Tree water use. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-24. 14pp.

Coder, K. D. 2007. Visualizing protection zones. (Trees and Lightning Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-15. 9pp.

Coder, K. D. 2007. Water movement in trees. (Trees and Drought Series). University of Georgia Warnell School of Forestry & Natural Resources Outreach publication WSFNR07-25. 14pp.

Crawford J., E.D. Dickens, D.J. Moorhead, B.C. McElvany, and K.M. Irwin. 2007. Fence row herbicide evaluation: efficacy of control. Georgia Forest Productivity Series No. 003R-07. www.bugwood.org/productivity. 6pp.

Cubbage, F., P. Mac Donagh, J. Sawinski, Jr., R. Rubilar, P. Donoso, A. Ferreira, V. Hoeflich, V. Morales, G. Ferreira, G. Balmelli, J. Siry, M. Noemi Báez, and J. Alvarez. 2007. Timber investment returns for selected plantations and native forests in South America and the Southern United States. *New Forests* 33(3):237-255.

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine to a 24-year rotation with and without thinning, fertilization, and pine straw—net revenue and rate of return - Series Paper #1 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine to a 24-year rotation with and without thinning, fertilization, and pine straw production – soil expectation value and annual equivalent value - Series Paper #2 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine to a 24-year rotation with and without thinning – impact of thinning at various stumpage prices - Series Paper #3 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine on a 33-year rotation with and without thinning, fertilization, and pine straw—net revenue and rate of return - Series Paper #4 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine on a 33-year rotation with and without thinning, fertilization, and pine straw – annual equivalent value and soil expectation value - Series Paper #5 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine to a 33-year rotation – impact of thinning at various stumpage prices - Series Paper #6 (revised).

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. Economics of growing slash and loblolly pine under various levels of management – a 24-versus 33-year rotation comparison - Series Paper #8.

Dickens, E.D., C.W. Dangerfield and D.J. Moorhead. 2007. The economic impact of changing stumpage prices when growing slash and loblolly pine under a 24- and 33-year rotation - Series Paper #9.

Dickens, E.D., B.C. McElvany, and D.J. Moorhead. 2007. Establishing southern pine stands – site preparation options. 5pp.

Dickens, E.D., B.C. McElvany, D.J. Moorhead, and M. Frye. 2007. Growing poles in southern pine stands. 9pp.

Dickens, E.D., B.C. McElvany, and D.J. Moorhead. 2007. Six year survival and growth of an old-field planted longleaf stand following herbaceous weed control treatments. Page 52 in Proceedings 47th Annual weed science society of America. San Antonio, TX. (Abstract)

Dickens, E.D., D.J. Moorhead, L.A. Morris, B. McElvany and M. Hayes. 2007. Pine straw raking in southern pine stands. Georgia Forestry Today. Vol. 3(5):34-35.

Doughty, R. and R. Izlar. 2007. Land Use. Pages 93-96 in Martin V. Melosi (ed.) The Encyclopedia of Southern Culture (2nd ed.). University of North Carolina Press., V. 8.

Elmer, W.H., S.F. Covert, and K. O'Donnell. 2007. Investigation of an outbreak of *Fusarium* foot and fruit rot of pumpkins within the United States. *Plant Disease* 91: 1142-1146.

Evans, C.W., D.J. Moorhead, C.T. Barger and G.K. Douce. 2007. Implementation of Control and Prevention Strategies for Managing Cogongrass (*Imperata cylindrica*) by the Georgia Invasive Species Task Force. *Natural Areas Journal* 27(3):226-231.

Ford, C., N. Wurzbarger, R. L. Hendrick and R. O. Teskey. 2007. Soil DIC uptake and fixation in *Pinus taeda* seedlings. *New Phytologist* 27:375-383.

Greene, W. D., S. Baker, R. Izlar. 2007. Harvesting forest biomass with a small chipper on a southern pine stand in tree-length thinnings and clearcuts. In *Proceedings of the Third Forest Engineering and 30th Council on Forest Engineering Conference, FPinnovations FERIC, Mont Tremblant, Canada.*

Greene, W.D. S.A. Baker, and T. Lowrimore. 2007. Analysis of Log Hauling Vehicle Accidents in the State of Georgia, USA, 1988-2004. *International Journal of Forest Engineering* 18(2):52-57.

Hamsley, A.K., W.D. Greene, J.P. Siry, and B.C. Mendell. 2007. Improving timber trucking performance by reducing variability of log truck weights. *Southern Journal of Applied Forestry* 31(1):12-16.

Harris, T.G., S. Baldwin, and J Johnson. 2007. *TimberMart-South Publications: Timber Market News Quarterly* 11(4).

Harris, T.G., S. Baldwin, and J Johnson. 2007. *TimberMart-South Publications: Timber Market News Quarterly* 12(1).

Harris, T.G., S. Baldwin, and E. Sussenbach. 2007. *TimberMart-South Publications: Timber Market News Quarterly* 12(2).

Harris, T.G., S. Baldwin, J. Smith and R. Simmons. 2007. *TimberMart-South Publications: Timber Market News Quarterly* 12(3).

Harris, T.G., J. Johnson, and S. Baldwin. 2007. *TimberMart-South Publications: Fourth Quarter 2006 & 2006 Yearend Summary* 31(4).

Harris, T.G., J. Johnson, and S. Baldwin. 2007. *TimberMart-South Publications: First Quarter 2007 Timber Mart-South* 32(1).

Harris, Thomas G., Jr., Jacek Siry and Sara Baldwin. 2007. Prices Down Again on Weaker Housing Markets. *Forest Landowner Magazine* 66(3):40-41.

Harris, T.G., J. Smith, R Simmons and S. Baldwin. 2007. TimberMart-South Publications: Third Quarter 2007 Timber Mart-South 32(3).

Harris, T.G., E. Sussenbach, and S. Baldwin. 2007. TimberMart-South Publications: Second Quarter 2007 Timber Mart-South 32(2)

Harrison, W. M. and M. Kane. 2007. PMRC SAGS Culture / Density Study: Age 8 Analysis. PMRC Technical Report 2007-1. 35pp.

Hayes M. D., B. C. McElvany, E. D. Dickens, D. J. Moorhead, and K. M. Irwin. 2007. Does fertilization and competition control pay in slash pine stands growing on deep sands? Georgia Forest Productivity Series No. 005S-07. www.bugwood.org/productivity. 2pp.

Hayes M. D., B. C. McElvany, E. D. Dickens, D. J. Moorhead, and K. M. Irwin. 2007. Competition control and fertilization in an unthinned, cut-over slash pine stand growing on a droughty, infertile deep sand – four year results. Georgia Forest Productivity Series No. 009R-07. www.bugwood.org/productivity. 5pp.

Hepinstall, J.A., and M. Alberti. 2007. Challenges faced when predicting landscape change. Pages 888 in Bunce, R.G.H., Jongman, R.H.G., Hojas L., and Weel, S. (Eds). 25 years Landscape Ecology: Scientific Principles in Practice. Proceedings of the 7th IALE World Congress, Wageningen, The Netherlands, IALE Publication series 4, Part 2.

Hepinstall, J.A., M. Alberti, and J. Marzluff. 2007. Predicting land cover change and avian community responses in the rapidly urbanizing area of Central Puget Sound, Washington, USA. Pages 207-208 in Bunce, R.G.H., Jongman, R.H.G., Hojas L., and Weel, S. (Eds). 25 years Landscape Ecology: Scientific Principles in Practice. Proceedings of the 7th IALE World Congress, Wageningen, The Netherlands, IALE Publication series 4, Part 1.

Hepinstall, J.A., M. Alberti, and J. Marzluff. 2007. Predicting Landscape Change and its Effects on Biodiversity in the Central Puget Sound, Washington, USA. Pages 84-85 in Addink, E., Barendregt, A., Ettema, D., Karssenbergh, D., and de Nijs, T. (eds). Framing Land Use Dynamics II: reviewed abstracts, international conference, 18-20 April 2007. Utrecht, The Netherlands. (Extended Abstract)

Hepinstall, J.A., J. Marzluff, and M. Alberti. 2007 Modeling the responses of birds to predicted changes in land cover and development in an urbanizing region. Pages 299 in D.N. Laband (ed). Emerging Issues along Urban-Rural Interfaces II: Linking land-use and society, Atlanta, GA. April. (Abstract)

Irwin K. M., E. D. Dickens, B. C. McElvany, D. J. Moorhead, and L. L. Lanier. 2007. Determining survival in young slash, loblolly, and longleaf pine stands after a fire in Bulloch County, Georgia. Georgia Forest Productivity No. 004R-07.

www.bugwood.org/productivity. 4pp.

Izlar, R. 2007. Fire in the Okefenokee. *Georgia Forestry Today*. 3(1)43.

Izlar, R. 2007. The Florida Keys. Pages 217-218 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2ed.) University of North Carolina Press., V. 8.

Izlar, R. 2007. The legacy of Bill Oettmeier: A man for our times. *Forest Landowner*. 66(4)26.

Izlar, R. 2007. The Okefenokee Swamp. Pages 255-256 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press., V. 8.

Izlar, R., J. Siry, D.W. Greene, and T.G. Harris. Wood supply chain efficiency and fiber cost: How competitive is the U. S. South? Pages 7-11 in John Sessions and Yvone Havill (eds.) *Proceedings of the international mountain logging and 13th Pacific Northwest Skyline Symposium*.

Jackson, B. 2007. Forest roads: soil stabilization methods and materials. *WSFNR Forest Roads Fact Sheet #1*. 2pp.

Jackson, B. 2007. Building forest roads in wetlands. *WSFNR Forest Roads Fact Sheet #2*. 2pp.

Jackson, B. 2007. Horizontal curves on Forest Roads. *WSFNR Forest Roads Fact Sheet #3*. 2pp.

Jackson, B. 2007. Alternative Forest Enterprises: Foodstuff and Medicinals. *WSFNR Alternative Forest Enterprises Fact Sheet #1*. 2pp.

Jackson, B. 2007. Developing an Alternative Forest Enterprise Business Plan. *WSFNR Alternative Forest Enterprises Fact Sheet #2*. 2pp.

Jackson, B. 2007. Marketing Alternative Forest Enterprises. *WSFNR Alternative Forest Enterprises Fact Sheet #3*. 2pp.

Johnson, K.N., P. Bettinger, J.D. Kline, T.A. Spies, M. Lennette, G. Lettman, B. Garber-Yonts, and T. Larsen. 2007. Simulating forest structure, timber production, and socioeconomic effects in a multi-owner province. *Ecological Applications*. 17:34-47.

Jones, P. D., Schimleck, L. R., So, C.-L., Clark, A. and Daniels, R. F. 2007. High resolution scanning of radial strips cut from increment cores by near infrared spectroscopy. *IAWA J.* 28(4):473-484.

Jordan, L., R. He, D. Hall, A. Clark, and R.F. Daniels. 2007. Testing regional effects on microfibril angle in the southeastern United States. *Wood and Fiber Sci.* 39(2):352-363.

Jordan, L., Schimleck, L. R., Clark, A., Hall, D. B. and Daniels, R. F. 2007. Estimating optimum sampling size to determine weighted core specific gravity of planted loblolly pine. *Can. J. For. Res.* 37(11):2242-2249.

Klosterman, S., M. Perlin, M. Garcia-Pedrajas, S.F. Covert, and S.E. Gold. 2007. Genetics of morphogenesis and pathogenic development of *Ustilago maydis*. *Advances in Genetics* 57:1-47.

Li, R., P. Bettinger, S. Danskin, and R. Hayashi. 2007. A historical perspective on the use of GIS and remote sensing in natural resource management, as viewed through papers published in North American forestry journals from 1976 to 2005. *Cartographica.* 42:165-178.

Liang, C., Wang, G., Liu, L., Carter, K., Webb, J.S., Dean, J.F.D. 2007. ConiferEST: a novel, generic bioinformatics system for data processing and mining of conifer expressed sequence tags (ESTs). *BMC Genomics* 8:134

Liang, C., Wang, G., Liu, L., Webb, J.S., Reese, G., Dean, J.F.D. 2007. WebTraceMiner: a web service for processing and mining EST traces. *Nucl. Acid Res.* doi:10.1093/nar/gkm299

Liepman, A.H., Nairn, C. J., Willats, W.G.T., Sørensen, I., Roberts, A.W., Keegstra, K. 2007. Functional genomic analysis supports conservation of function among CslA gene family members and highlights diverse roles of mannans in plants. *Plant Physiology* 143:1881-1893.

Lyyra, S., R.B. Meagher, T. Kim, A. Heaton, P. Montello, R.S. Balish and S.A. Merkle. 2007. Coupling two mercury resistance genes in eastern cottonwood enhances processing of organomercury. *Plant Biotechnology Journal* 5:254-262.

Marshall, D.J., P. Bettinger, M. Wimberly, and J. Stanturf. 2007. General management practices for hazardous fuels management in loblolly pine (*Pinus taeda*) forests. Center For Forest Business, University of Georgia, Athens, GA. Research Note 27. 12 p.

McDearman, K., and B. Izlar. 2007. Shenandoah Valley. Pages 270-272 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press., V. 8.

McGuire, M. A., S. Cerasoli and R. O. Teskey. 2007. CO₂ fluxes and respiration

of branch segments of sycamore (*Platanus occidentalis* L.) examined at different sap velocities, branch diameters, and temperatures. *Journal of Experimental Botany* 58:2159-2168.

Mendel, B., T. G. Harris, Jr., Tim Sydor, Sara Baldwin, Seth Freeman, Robert Simmons, Amanda Hamsley, Jonathan Smith, Kippy Lewis, Travis Griffith, and Peter Walker. 2007. *Timber Market Profiles & Rankings: US South – 2007*. Timber Mart-South and Forisk. 414pp.

Mendell, B., V. Morales, Z. Bennadji, and J. Siry. 2007. Financing Uruguay's forest sector: Survey and case study. *Journal of Forestry* 105(3):125-130.

Meng, Q., C.J. Cieszewski, and R. Lowe. 2007. Using geo-spatial methods for derivation of fine resolution forest inventory in Georgia from ground inventory data and Landsat imagery. Pages 51-62 in Prisley, S., P. Bettinger, I-K. Hung, and J. Kushla, eds. 2006. *Proceedings of the 5th Southern Forestry and Natural Resources GIS Conference*, Warnell School of Forestry and Natural Resources, University of Georgia, Athens GA.

Meng, Q., C.J. Cieszewski, M. Madden, and B.E. Borders. 2007. K Nearest Neighbor methods for forest inventory using remote sensing data. *GIScience and Remote Sensing* 44(2):149-165.

Meng, Q., Cieszewski, C.J., M. Madden, and B.E. Borders. 2007. A linear mixed-effects model of biomass and volume of trees using Landsat ETM+ images. *Forest Ecology and Management* 244 (1-3):93-101.

Merkle, S.A., G.M. Andrade, C.J. Nairn, W.A. Powell and C.A. Maynard. 2007. Restoration of threatened species: a noble cause for transgenic trees. *Tree Genetics and Genomes* 3:111-118.

Merry, K.L., P. Bettinger, M. Clutter, J. Hepinstall, and N.P. Nibbelink. 2007. An assessment of Geographic Information System (GIS) skills employed by field-level natural resource managers. *Journal of Forestry*. 105(7):364-370.

Moorhead, D.J. 2007. Forest herbicides. Pages 616-622 in P. Guillebeau (ed.). *2007 Georgia Pest Management Handbook: Commercial Edition*. University of Georgia Cooperative Extension Service, Special Bulletin 28.

Moorhead, D.J. 2007. Invasive plant control in forests. Forest herbicides. Pages 623-628 in P. Guillebeau (ed.). *2007 Georgia Pest Management Handbook: Commercial Edition*. University of Georgia Cooperative Extension Service, Special Bulletin 28.

Moorhead, D.J., C.T. Barger, and G.K. Douce. 2007. Cogongrass distribution and spread prevention. Pages 24-27 in N.J. Lowenstein & J.H. Miller (eds.)

Proceedings of the Regional Cogongrass Conference: A Cogongrass Management Guide. Alabama Cooperative Extension System, Auburn University, AL.

Mora, C. R., H. Lee Allen, R. F. Daniels, A. Clark. 2007. Modeling corewood-outerwood transition in loblolly pine using wood specific gravity. *Can. J. For. Res.* 37:999-1011.

Okegawa, Y., T.A. Long, M. Iwano, S. Takayama, Y. Kobayashi, S.F. Covert, and T. Shikanai. 2007. A balanced PGR5 level is required for chloroplast development and optimum operation of cyclic electron transport around photosystem I. *Plant Cell Physiology* 48:1462-1471.

Parrish, M. and J.A. Hepinstall. 2007. Breeding bird diversity across three urban-rural gradients. 2007. Page 320 in D.N. Laband (ed). *Emerging Issues along Urban-Rural Interfaces II: Linking land-use and society*, Atlanta, GA. April. (Abstract)

Preston, H., and R. Izlar. 2007. Roads and Trails. Pages 134-138 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press., V. 8.

Price, D. C., B. C. McElvany, E. D. Dickens, D. J. Moorhead, and K. M. Irwin. 2007. Spot application of diammonium phosphate and poultry litter at establishment in an old-field planted loblolly pine plantation. *Georgia Forest Productivity Series No. 005R-07*. www.bugwood.org/productivity. 6pp.

Richardson, D. M., P. W. Rundel, S. T. Jackson, R. O. Teskey, J. Aronson, A. Byterowicz, M. J. Wingfield and S. Proches. 2007. Human impacts in pine forests: Past, present and future. *Annual Review of Ecology, Evolution and Systematics* 38:275-297.

Riner, C.M., R. L. Torrance, M. J. Cook, B.C. McElvany, E. D. Dickens, D. J. Moorhead, and K. M. Irwin. 2007. Six year results from a longleaf and slash pine at-planting poultry litter and diammonium phosphate application trial in two old-field sites. *Georgia Forest Productivity Series No. 006R-07*. www.bugwood.org/productivity. 8pp.

Riner, C., R. Torrance, J. Cook, B.C. McElvany, E.D. Dickens, D.J. Moorhead, and K.M. Irwin. 2007. A longleaf and slash pine at-planting poultry litter and diammonium phosphate application trial in two old-field sites – six year results. *Georgia Forest Productivity Series No. 006S-07*. www.bugwood.org/productivity. 3pp.

Robinson, M. and R. Izlar. *Natural Disasters*. Pages 98-102 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). V. 8. University of North

Carolina Press.

Schimleck, L.R., and A. Clark, Wood quality. 2007. Encyclopedia of forests and forestry in the Americas.

Schimleck, L.R., E. Sussenbach, G. Leaf, D. Jones, C.L. Huang. Microfibril angle prediction of *Pinus taeda* L. wood samples based on tangential face NIR spectra. *IAWA J.* 28(1):1-12.

Schimleck, L. R., Tyson, J. A., Jones, P. D., Peter, G. F., Daniels, R. F. and Clark, A. 2007. *Pinus taeda* L. wood property calibrations based on variable numbers of NIR spectra per core and cores per plantation. *J. Near Infrared Spectrosc.* 15(4):261-268.

Sessions, J., P. Bettinger, and G. Murphy. 2007. Heuristics in forest planning. Pages 431-448 in Weintraub, A., C. Romero, T. Bjørndal, and R. Epstein (eds.). *Handbook of Operations Research in Natural Resources*, Springer, New York.

Siry, Jacek P., Harris T., and Baldwin S. 2007. U.S. South Linerboard Industry: Restoring the Competitive Edge. *Forest Products Journal* 57(1/2):78-83.

Smallwood, J., and R. Izlar. 2007. Environmental Movements. Pages 62-70 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press. V. 8.

Smallwood, J., and R. Izlar. 2007. Water Use. Pages 161-169 in Martin V. Melosi (ed.) *The Encyclopedia of Southern Culture* (2nd ed.). University of North Carolina Press., V. 8.

Spies, T.A., K.N. Johnson, K.M. Burnett, J.L. Ohmann, B.C. McComb, G.H. Reeves, P. Bettinger, J.D. Kline, and B. Garber-Yonts. 2007. Cumulative ecological and socioeconomic effects of forest policies in coastal Oregon. *Ecological Applications.* 17:5-17.

Steppe, K, A. Saveyn, M.A. McGuire R. Lemeur and R. O. Teskey. 2007. Resistance to radial CO₂ diffusion contributes to between-tree variation in CO₂ efflux of *Populus deltoides* stems. *Functional Plant Biology* 34:785-792.

Straka, T., C. Bolding, and D. Greene. 2007. Estimating production in logging cost analysis. *Forest Products Equipment* 16(2): 22-24, 26-27.

Teskey, R. O. 2007. Silvics. In: F. Cabbage, ed. *Forests and Forestry in the Americas: An Encyclopedia*, Forest Biology and Ecology section.
Teskey, R. O. and M. A. McGuire. 2007. Measurement of stem respiration of sycamore (*Platanus occidentalis* L.) trees involves internal and external fluxes of CO₂ and possible transport of CO₂ from roots. *Plant, Cell and Environment*

30:570-579.

Torrance, P. R., P. M. Crosby, E. D. Dickens, B. C. McElvany, D. J. Moorhead, and K. M. Irwin. 2007. Timing, herbicide type, and dosage effects on old-field longleaf pine survival and early growth after a droughty first growing season in Emanuel county, Georgia. Georgia Forest Productivity Series No.002R-07. www.bugwood.org/productivity. 7pp.

Wang, M., B. Borders, D. Zhao. 2007. Parameter estimation of base-age invariant site index models: which data structure to use?. *For. Sci.* 53(5): 541-551.

Westbrook, M.D., Jr. and W.D. Greene. 2007. Adding a chipper to a tree-length system for biomass collection. Technical Release 07-R-03, Forest Resources Association. 2pp.

Westbrook, M.D., Jr., S.A. Baker and W.D. Greene. 2007. Chipping biomass: A challenge in first thinnings. Technical Release 07-R-32, Forest Resources Association. 2pp.

Westbrook, M.D., Jr., W.D. Greene, and R.L. Izlar. 2007. Utilizing forest biomass by adding a small chipper to a tree-length southern pine harvesting operation. *Southern Journal of Applied Forestry* 31(4):165-169.

Zhao, D., B. Borders, M. Wang, and M. Kane. 2007. Modeling mortality of second-rotation loblolly pine plantations in the Piedmont/Upper Coastal Plain and Lower Coastal Plain of the southern United States. *Forest Ecology and Management* 252:132-143.

Zhao, D., B. Borders, M. Wang, and M. Kane. 2007. Modeling Mortality of Second-Rotation Loblolly Pine Plantations in the Piedmont/Upper Coastal Plain and Lower Coastal Plain of the Southeastern United States. PMRC Tech Rep 2007-5. Plantation Management Research Cooperative, University of Georgia. Athens, GA.

Zhao, D., M. Kane, B. Borders, and M. Harrison. 2007. Growth Response of Slash and Loblolly Pine Plantations to Different Site-Preparation Treatments With or Without Post-plant Herbaceous Weed Control on Lower Coastal Plain Sites of North Florida. PMRC Tech Rep 2007-2. Plantation Management Research Cooperative, University of Georgia. Athens, GA. 30pp.

Zhao, D., M. Kane, B. E. Borders, and W. M. Harrison. 2007. Slash Pine Site Preparation Study: Results through Age 26. PMRC Technical Report 2007-3. 63pp.

Zhao, D., M. Kane, B. Borders, and M. Harrison. 2007. Piedmont Loblolly Pine

Site Preparation Study: Results through Age 21. PMRC Tech Rep 2007-4. Plantation Management Research Cooperative, University of Georgia. Athens, GA. 50pp.

Zhu, J., P. Bettinger, and R. Li. 2007. Additional insight into the performance of a new heuristic for solving spatially constrained forest planning problems. *Silva Fennica*. 41:687-698.

Natural Resources Recreation and Tourism

Bowker, J.M., Murphy, D., Cordell, H.K., English, D.B.K., Bergstrom, J.C., Starbuck, C.M., Betz, C.J., Green G.T. and Reed, P. 2007. Wilderness Recreation Participation and Consumption: Projections for the Next Half Century. Pages 1-7 in Watson, A., Sproull, J., & Dean, L. (eds.) *Science and stewardship to protect and sustain wilderness values: Eighth World Wilderness Congress Symposium*. 2005. Anchorage, AK. Proceedings RMRS-P-49. Fort Collins, CO., U.S.D.A. Forest Service, Rocky Mountain Research Station.

Green, G. T. 2007. TVA: Asking questions, seeking answers on future uses. *University of Georgia Research Magazine*, Winter, p.7.

Green, G. T., Bowker, J. M., Johnson, C. Y., Cordell, H.K., and Wang, X. 2007. An examination of constraints to wilderness visitation. *International Journal of Wilderness* 13(2):26-36.

Green, G. T., Gosnell, W., Betz, J., & Cordell, K. 2007. Recreation participation activity levels, projections, and trends for the state and market region of Colorado. A report for Colorado's Department of Natural Resources. USDA Forest Service, Southern Research Station, Recreation, Wilderness, Urban Forest, & Demographic Trends Unit and the University of Georgia: Athens, GA 444pp.

Green, G. T., Van Dijk, D., Betz, J., & Cordell, K. 2007. Recreation participation activity levels, projections, and trends for the state and market region of North Carolina. A report for North Carolina's Department of Natural Resources. USDA Forest Service, Southern Research Station, Recreation, Wilderness, Urban Forest, & Demographic Trends Unit and the University of Georgia: Athens, GA 283pp.

Johnson, C. Y., Bowker, J. M., Green, G. T., and Cordell, H. K. 2007. Provide It but will they come? A look at Black and Hispanic visits to federal recreation areas. *Journal of Forestry* 105(5):257-265.

Leeworthy, V., Cordell, K., Green, G., Zarnoch, S., Fly, M., and Stephens, R.

2007. Survey response rate and bias results from a trial of pre-notification letters: A report to the Office of Management and Budget on the National Survey on Recreation and the Environment (NSRE). Athens, GA. USDA Forest Service, Southern Research Station. 52pp.

Miller, C.A. Boater participation and impact of fuel prices on 2007 boating activities in Georgia. Georgia Department of Natural Resources. 46pp.

Miller, C.A. and M.V. Holloway. 2007. Public awareness and perceptions of wetland loss in coastal Louisiana. CREST project 06-5 and LUMCON project 674139. 36pp.

Miller, C.A., L.P. Campbell, P.D. Leiter and C.J. Colligan. 2007. Comparison of Attitudes of Hunters and Illinois Residents Toward Wildlife Conservation. Federal Aid Project Number W-112-R-13, Illinois Natural History Survey. Champaign, IL. 38p.

Miller, C.A., W.L. Anderson, L.P. Campbell, and P.D. Leiter. 2007. Public Attitudes Toward Wildlife Conservation in Illinois. Federal Aid Project Number W-112-R-13, Illinois Natural History Survey. Champaign, IL. 38pp.

Schuster, R., Cordell, H.K., and Green, G. T. 2007. Expansion of the wilderness values scale with three sub-scales: Personal maintenance, expression and learning, and societal maintenance. Pages 1-7 in Watson, A., Sproull, J., & Dean, L. (eds.) Science and stewardship to protect and sustain wilderness values: Eighth World Wilderness Congress Symposium: Anchorage, AK. Proceedings RMRS-P-49. Fort Collins, CO: U.S. D.A. Forest Service, Rocky Mountain Research Station.

Sharp, R.L. and C.A. Miller. 2007. Wilderness, Wildness, and Visitor Access to Cumberland Island National Seashore. Proceedings of the 2007 Northeast Recreation Research Symposium, Saratoga, NY. USDA Forest Service Gen. Tech. Rep. NE-200.

Strack, J.A. and C.A. Miller. 2007. Running Uphill: Urbanization, Conflict, and Visitor Use at Kennesaw National Battlefield. Proceedings of the 2007 Northeast Recreation Research Symposium, Saratoga, NY. USDA Forest Service Gen. Tech. Rep. NE-200.

Water and Soils

Barros, N. F., L. Morris and A. Ribeiro. 2007. Relatório técnico: fito-remediação da area do condomínio das flores...: subsídios para tomada de decisão. Universidade Federal de Viçosa Dentro de ciencias agrárias, Department de Engenharia Agrícola. 12pp.

Beck, M. B. (contributor). 2007. Models in Environmental Regulatory Decision Making. National Research Council, National Academies Press. 267pp.

Beck, M. B. How Best To Look Forward. 2007. Science 316:202-203.

Beck, M. B., Gupta, H., Butler, R., Edelson, D., Graber, H., Gross, L., Harmon, T., McLaughlin, D., Paola, C., Peters, D., Rastetter, E., Scavia, D., Schnoor, J., Shoemaker, C., Tarboton, D., Weber, L., Osidele, O. O., and Lin, Z. 2007. Grand Challenges of the Future for Environmental Modeling. Synopsis of White Paper. National Science Foundation, 63pp.

Beck, M. B., and Jeffrey, P. 2007. Sustainable Standpoints — Embracing Diversity of Opinion. Water21:13-14.

Belk, E, D Markewitz, TC Rasmussen, EJ Maklouf Carvalho, DC Nepstad, and EA Davidson. 2007. Modelling the effects of throughfall reduction on soil water content in a Brazilian Oxisol under a moist tropical forest. Water Resources Research 43:doi:10.1029/2006WR005493.

Carter, T. and C.R. Jackson. 2007. Vegetated roofs for stormwater management at multiple spatial scales. Landscape and Urban Planning 80(1-2):84-94.

Carter, T.L., T.C. Rasmussen, C. R. Jackson, A. Keeler, L. Fowler, J.L. Meyer, and D. Gattie. 2007. Vegetated roofs: Performance and policy in Athens, GA. Pages 218-221 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Ceballos, E.L., and T.C. Rasmussen. 2007. Internal loading in Southeastern Piedmont impoundments. Pages 599-602 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). 2007. Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Freeman, M.C., C.M. Pringle, and C.R. Jackson. 2007 Hydrologic connectivity and the contribution of stream headwaters to ecological integrity at regional scales. J. Amer. Water Resour. Assoc. 43(1):5-14.

Galang, M.A., C.R. Jackson, L.A. Morris, D. Markewitz, and E.A. Carter. 2007. Hydrological behavior of gullies in the South Carolina Piedmont, Pages 587-590 in Proceedings of the 2007 Georgia Water Resources Conference, Athens, GA.

- Galang, Marco A., D. Markewitz, L.A. Morris, and P. Bussel. 2007. Land use change and gully erosion in the Piedmont region of South Carolina, USA. *Journal of Soil and Water Conservation* 62(3):130-137.
- Greco, J.L. and C.R. Jackson. 2007. Occurrence of perched saturation and interflow over an argillic horizon in a low relief hillslope. Pages 18-20 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). 2007. *Proceedings Georgia Water Re-sources Conference*, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.
- Jackson, C.R., D.P. Batzer, S.S. Cross, S.M. Haggerty, and C.A. Sturm. 2007. Headwater Streams and Timber Harvest: Channel, Macroinvertebrate, and Amphibian Response and Recovery. *Forest Science* 53(2):356-370.
- Jackson, C.R. and M. Miwa. 2007. Importance of Forestry BMPs for Water Quality. Pages 10-31 in *Proceedings of the Louisiana Natural Resources Symposium: Human and Other Impacts on Natural Resources – Causes, Quantification, and Implications*, Louisiana State Univ., Baton Rouge.
- Jackson, C.R., T.C. Rasmussen, R. Moore. 2007. Water shortage: State can only manage, not end, drought, *Atlanta Journal Constitution*, Op-Ed piece, October 1, 2007.
- Li, G. and C.R. Jackson. 2007. Simple, Accurate, and Efficient Revisions to MacCormack and Saul'yev Schemes: High Peclet Numbers. *Applied Mathematics and Computation* 186(1):610-622.
- Lin, Z., and Beck, M. B. 2007. Understanding Complex Environmental Systems: A Dual Approach *Environmetrics* 18(1):11-26.
- Lin, Z., and Beck, M. B. 2007. On the Identification of Model Structure in Hydrological and Environmental Systems. *Water Resources Research* 43. W02402, doi:10.1029/2005 WR004796.
- Lin, Z., Radcliffe, D. E., Beck, M. B. and Risse, L. M. 2007. Modeling Phosphorus in the Upper Etowah River Basin: Identifying Sources Under Uncertainty. *Water Science and Technology* 56(6):29-37.
- Lincoln, M.C., R.E. Will, L.A. Morris, E.A. Carter, D. Markewitz, J.R. Britt, B. Cazell, and V. Ford. 2007. Soil change and loblolly pine (*Pinus taeda*) seedling growth following site preparation tillage in the Upper Coastal Plain of the southeastern United States. *Forest Ecology and Management* 242:558-568.
- Little, E., S. Eggert, D. Wenner, T. Rasmussen, D. Conners, and D. Fischer. 2007. Results from six years of community-based volunteer water quality

monitoring by the Upper Oconee Watershed Network. Pages 438-441 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Moore, R., R. Bishop, and B. Provencher. 2007. Valuing a spatially diverse non-market good: the benefits of reduced non-point source pollution in green bay, Wisconsin. American Agricultural Economics Association Selected Paper 174740. 34 pp.

Pinho, A. P., A. T. Matos, L. A. Morris and L. M. Costa. 2007. Atrazine and picloram adsorption in organic horizon forest samples under laboratory conditions. *Planta Daninha*. 25:125-131.

Price, K. and C.R. Jackson. 2007. Effects of forest conversion on baseflows in the southern Appalachians: A cross-landscape comparison of synoptic measurements. In Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). 2007. Proceedings Georgia Water Resources Conference. Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002. 633pp.

Rasmussen, T.C., and T.L. Mote. 2007. Monitoring surface and subsurface water storage using confined aquifer water levels at the Savannah River Site, USA. *Vadose Zone Journal* 6(2):327-335.

Richter, DD, MA Callaham, D Markewitz, and R Vilgalys. 2007. Understanding Ecosystem Change at the Calhoun Experimental Forest. Pages 169-176 in Irland, LC, AE Camp, JC Brissette, and ZR Donohew, eds. Long-term Silvicultural & Ecological Studies: Results of Science and Management.

Romeis, J., C.R. Jackson, D.E. Radcliffe, M.L. Risse, and J. Bryant. 2007. Phosphorus and sediment delivery in streams draining poultry operations in the Upper Etowah River Basin, Georgia. Pages 298-301 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Sartori, F, D. Markewitz, and B.E. Borders. 2007. Soil carbon storage and nitrogen and phosphorus availability in loblolly pine plantations over 4 to 16 years of herbicide and fertilizer treatments. *Biogeochemistry* 84:13-30.

Shabman, L., Reckhow, K. H., Beck, M. B., Benaman, J., Chapra, S., Freedman, P., Nellor, M., Rudek, J., Schwer, D., Stiles, T., and Stow, C. 2007. Adaptive Implementation of Water Quality Improvement Plans: Opportunities and Challenges. Technical Report, Nicholas School of the Environment and Earth Sciences, Duke University, North Carolina. 98pp.

Tedela, N., S.C. McCutcheon, and T.C. Rasmussen. 2007. Effects of seasonal variation on runoff Curve Number for selected watersheds of Georgia: Preliminary study”, Pages 64-67 in Rasmussen, T.C., GD Carroll, AP Georgakakos, (eds). Proceedings Georgia Water Resources Conference Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Terrell, S., W.B. Summer, and C.R. Jackson. 2007. Effects of forest harvest and planting on hydrology and sediment transport n headwater basins draining the Pelham escarpement. Pages 190-193 in Rasmussen, T.C., G.D. Carroll, and A.P. Georgakakos, (eds). Proceedings Georgia Water Resources Conference, Warnell School of Forestry and Natural Resources, The University of Georgia, Athens. ISBN 0979410002.

Toll, N.J., and T.C. Rasmussen. 2007. Removal of barometric pressure effects and Earth tides from observed water levels. *Ground Water* 45(1):101-105.

White, W. J., L. A. Morris., A. P. Pinho ,C. R. Jackson and L. West. 2007. Sediment retention by forested filter strips in the Piedmont of Georgia. *J. Soil. Water Conserv.* 62(6): 453-463.

Wildlife and Fisheries

Albanese, B.R., J.T. Peterson, B.J. Freeman, and D. Wieler. 2007 Accounting for Incomplete Detection when Estimating Site Occupancy of *Pteronotropis welaka* (Bluenose Shiner) in Southwest Georgia. *Southeastern Naturalist* 6(4):669-682.

Andacht, A.T., Oleksiak, M.F., Norris, M.B., Winn, R.N. 2007. Legacy of Contaminant Exposure: Transgenerational Resistance Disclosed in the Proteome. *Environmental and Molecular Mutagenesis.* 48(7):S598. (Abstract)

Burnett, K., Bain, L., Baldwin, w., Callard, G., Cohen, S., Di Giulio, R., Evans, D., Gómez-Chiarri, M., Hahn, M., Hoover, C., Karchner, S., Katoh, F., MacLatchy, D., Marshall, W., Meyer, J., Nacci, D., Oleksiak, M., Rees, B., Singer, T., Stegeman, J., Towle, D., Van Veld, P., Vogelbein, W., Whitehead, A., Winn, R., Crawford, D. 2007. Fundulus as the Premier Teleost Model in Environmental Biology: Opportunities for New Insights Using Genomics. *Comparative Biochemistry and Physiology.* Part D2, 257-286.

Bringolf, R.B., W.G. Cope, C. Barnhart, S. Mosher, P.R. Lazaro, and D. Shea. 2007. Acute and chronic toxicity of pesticide formulations (atrazine, chlorpyrifos, and permethrin) to glochidia and juveniles of *Lampsilis siliquoidea*. *Environmental Toxicology and Chemistry* 26:2101-2107.

Bringolf, R.B., W.G. Cope, P.R. C. Eads, Lazaro, M.C. Barnhart, and D. Shea. 2007. Acute and chronic toxicity of technical-grade pesticides to glochidia and juveniles of freshwater mussels (Unionidae). *Environmental Toxicology and Chemistry* 26:2086-2093.

Bringolf, R.B., W.G. Cope, S. Mosher, C. Barnhart, and D. Shea. 2007. Acute and chronic toxicity of glyphosate compounds to glochidia and juveniles of *Lampsilis siliquoidea*. *Environmental Toxicology and Chemistry* 26:2094-2100.

Brosse, S., Grossman, G.D. and S. Lek. Fish assemblage patterns in the littoral zone of a European reservoir. *Freshwater Biol.* 52:448-458.

Brown, J.D., M.K. Keel, M.J. Yabsley, T. Thigpen, and J.C. Maerz. 2006. Clinical challenge. Skin – multifocal histiocytic dermatitis with intralesional trombiculid mites. *Journal of Zoo and Wildlife Medicine* 37:571-573. (published in 2007)

Brown, J.D., D.E. Swayne, R.J. Cooper, R.E. Burns, and D.E. Stallknecht. 2007. Persistence of H5 and H7 Avian Influenza Viruses in Water. *Avian Diseases* 51 (1):285-289.

Burnham, J. and M. T. Mengak. 2007. Managing wildlife damage: Nutria (*Myocaster coypus*). WSNR Wildlife Management Series No. 12. 6pp..

Cachot, J., Law, M. Pottier, D., Pelhuet, L., Norris, M., Budzinski, H., and Winn, R. 2007. Characterization of toxic effects of sediment-associated organic pollutants using the λ transgenic medaka. *Environ. Sci. Tech.* 41(22):7830-7836.

Castleberry, S. B., and J. Laerm. Baird's Pocket Gopher (*Geomys breviceps*). 2007. Pages 258-261 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. *The Land Manager's Guide to the Mammals of the South*. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Southeastern Pocket Gopher (*Geomys pinetis*). 2007. Pages 262-265 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. *The Land Manager's Guide to the Mammals of the South*. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Hispid Pocket Mouse (*Chaetodipus hispidus*). 2007. Pages 266-268 in Trani, M. K., W. M. Ford, and B. R.

Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Round-tailed Muskrat (*Neofiber alleni*). 2007. Pages 297-300 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Allegheny Woodrat (*Neotoma magister*). 2007. Pages 306-309 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Golden Mouse (*Ochrotomys nuttalli*). 2007. Pages 310-313 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Common Muskrat (*Ondatra zibethicus*). 2007. Pages 314-317 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Marsh Rice Rat (*Oryzomys palustris*). 2007. Pages 319-323 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Texas Mouse (*Peromyscus attwateri*). 2007. Pages 324-326 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Oldfield or Beach Mouse (*Peromyscus polionotus*). 2007. Pages 342-346 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Castleberry, S. B., and J. Laerm. Florida Mouse (*Podomys floridanus*). 2007. Pages 347-349 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Chapman, B. R., S. B. Castleberry, and J. Laerm. 2007. Dichotomous keys to the mammals of the South by order. Pages 35-56 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of

the South. USDA Forest Service and The Nature Conservancy.

Clement, M., and S. B. Castleberry. 2007. A method for estimating the relative ranges of bat detectors. North American Symposium on Bat Research, Merida, Mexico. (Abstract)

Conroy, M. J. 2007. Some contributions of capture-recapture to evolutionary ecology and population modeling. Pages 315-348 in F. Valladares (ed.). Unity in Diversity. Reflections on Ecology after the Legacy of Ramon Margalef. Fundación BBVA, Bilbao, Spain

D'Angelo, G. J., A. R. De Chicchis, D. A. Osborn, G. R. Gallagher, R. J. Warren, and K. V. Miller. 2007. Hearing range of white-tailed deer as determined by auditory brainstem response. *Journal of Wildlife Management* 71(4):1238-1242.

D'Angelo, G. J. and K. V. Miller. 2007. New insights into deer vision. *Quality Whitetails* 14(4):28-35.

D'Angelo, G. J., K. V. Miller, R. J. Warren, and D. Osborn. 2007. Deer hearing defined: New research on how deer and humans hear differently. *Quality Whitetails* 14(5):76-84.

D'Angelo, G. J., M. A. Pardue, G. L. Williams, G. R. Gallagher, D. A. Osborn, R. J. Warren, and K. V. Miller. 2007. An examination of the visual system of white-tailed deer. *Annual Meeting of the Southeast Deer Study Group* 30:17. (Abstract)

Dauphine, N., A. Tsamalain-Yagkuag, and R. J. Cooper. 2007. First description of the nest of Brown Nunlet *Nonnula brunnea*. *Cotinga* 28:78-79.

Davis, A. K., K. Keel, M.J. Yabsley, and J. C. Maerz. 2007. Discovery of a novel alveolate pathogen affecting southern leopard frogs in Georgia: description of the disease and host effects. *EcoHealth* 4:310-317.

Davis, A.K. and J.C. Maerz. 2007. Spot symmetry predicts body condition in spotted salamanders, *Ambystoma maculatum*. *Applied Herpetology* 4:195-205.

Davis, J. C. and M. T. Mengak. 2007. Managing wildlife damage: Moles. *WSFNR Wildlife Management Series No. 13*. 7pp.

Derrick, A. M., S. B. Castleberry, and L. M. Conner. 2007. Survival and cause specific mortality of the cotton rat in a longleaf pine ecosystem. *The Wildlife Society Annual Conference, Tucson, AZ*. (Abstract)

Derrick, A. M., S. B. Castleberry, and L. M. Conner. 2007. Survival and cause

specific mortality of the cotton rat in a longleaf pine ecosystem. Colloquium on the Conservation of Mammals in the Southeastern United States, Destin, FL. (Abstract)

Devires, D.R., G.D. Grossman, D.H. Wahl, J.A. Stone, F.M. Utter, C.A. Jennings, and D.M. Kimball. 2007. A perspective on the decision to establish an AFS marine journal. *Fisheries* 32(1):30.

Dorn, P.L., L. Perniciaro, M.J. Yabsley, D.M. Roellig, G. Balsamo, J. Diaz, and D. Wesson. 2007. Autochthonous transmission of *Trypanosoma cruzi*, Louisiana. *Emerging Infectious Diseases* 13:605-7.

Doxon, E.D. and J. P. Carroll. 2007. Vegetative and invertebrate community characteristics of Conservation Reserve Program fields relative to gamebirds in Western Kansas. *American Midland Naturalist* 158:243-259.

Folk, T.H., J.B. Grand, W.E. Palmer, J. P. Carroll, H.L. Stribling, D.C. Sisson, T.M. Terhune, and S.D. Wellendorf. 2007. Estimates of survival from radio-telemetry: a response to Guthery and Lusk. *Journal of Wildlife Management* 70:1027-1033.

Gerhold, R.W. and M.J. Yabsley. 2007. Toxoplasmosis in a red-bellied woodpecker (*Melanerpes carolinus*). *Avian Diseases* 51:992-994

Grosse, A. M., E. A. Roznik, D. A. Pike, S. B. Castleberry, and J. C. Maerz. 2007. Patterns of boat-related sea turtle mortality on Georgia Beaches. Southeast Working Group of Partners in Amphibian and Reptile Conservation Annual Meeting, Chattanooga, TN (Abstract).

Grossman, G.D and J. Lobon-Cervia. Where we are, where we are going. *Ecology Freshwater Fish* 16:465-467

Hall, C.A., C. Polizzi, M.J. Yabsley, and T.M. Norton. 2007. *Trypanosoma cruzi* prevalence and epidemiologic trends in lemurs on St. Catherines Island, Georgia, USA. *Journal of Parasitology* 93:93-96.

Harvey, J.W., M.R. Dunbar, T.M. Norton, and M.J. Yabsley. 2007. Laboratory findings in acute *Cytauxzoon felis* infection in cougars (*Puma concolor*) in Florida. *Journal of Zoo and Wildlife Medicine* 38:285-291.

Hein, C. D., S. B. Castleberry, and K. V. Miller. 2007. Selection of winter day-roosts by Seminole (*Lasiurus seminolus*) and red (*L. borealis*) bats in an industrial forest in the Lower Coastal Plain of South Carolina. Colloquium on the Conservation of Mammals in the Southeastern United States 17:16. (Abstract)

Hellickson, M. W., K. V. Miller, R. L. Marchinton, C. A. DeYoung, and C. Zabransky. 2007. Weather effects on activity rates of male white-tailed deer in Texas. Annual Meeting of the Southeast Deer Study Group 30:44. (Abstract)

Jennelle, C. S. , E.G. Cooch, M.J.Conroy, and J. C. Senar. 2007. State-specific detection probabilities and disease prevalence. Ecological Applications.17:154-167

Jones, B., Grossman, G.D., Walsh, D.C.I., Avise, J.C. and Anthony C. Fiumera. Estimating differential reproductive success from nests of related individuals, with application to a study of the mottled sculpin, *Cottus bairdi*. Genetics176:2427-2439.

Kilgo, J. C., H. S. Ray, J. D. Schrecengost, G. R. Woods, T. Hughes, and K. V. Miller. 2007. Coyotes and deer: an emerging management issue in the Southeast? Annual Meeting of the Southeast Deer Study Group 30:19. (Abstract)

Killmaster, C. H., R. J. Warren, K. V. Miller, and D. A. Osborn. 2007. Deer and understory plant responses to a large-scale herd reduction on a Georgia state park. Natural Areas Journal 27(2):161-168.

Killmaster, C. H., R. J. Warren, D. A. Osborn, and K. V. Miller. 2006. Effect of roads and traffic on deer movements in a Georgia state park. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 60:54-58 (published in 2007).

Kolodzinski, J. and M. T. Mengak. 2007. Managing wildlife damage: Striped Skunk (*Mephitis mephitis*). WSFNR Wildlife Management Series No. 15. 6pp.

Kwak, T.J. and J.T. Peterson. 2007. Community Indices, Parameters, and Comparisons. Pages 667-763 in M. Brown and C. Guy, editors. Analysis and interpretation of Freshwater Fisheries Data. American Fisheries Society, Bethesda, Maryland.

Labruna, M.B., J.W. McBride, L.M.A. Camargo, D.M. Aguiar, M.J. Yabsley, W.R. Davidson, E.Y. Stromdahl, P.C. Williamson, R.W. Stich, S.W. Long, Erney P. Camargo, and D.H. Walker. 2007. A preliminary investigation of Ehrlichia species in ticks, humans, dogs, and capybaras from Brazil. Veterinary Parasitology 143:189-195.

Laerm, J., and S. B. Castleberry. White-footed Mouse (*Peromyscus leucopus*). 2007. Pages 332-336 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Laerm, J., and S. B. Castleberry. Deer Mouse (*Peromyscus maniculatus*). 2007. Pages 337-341 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The Land Manager's Guide to the Mammals of the South. USDA Forest Service and The Nature Conservancy.

Laerm, J., and Mengak, M. T. 2007. Fulvous Harvest Mouse, *Reithrodontomys fulvescens*. Pages 358-361 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Laerm, J., and Mengak, M. T. 2007. Western Harvest Mouse, *Reithrodontomys megalotis*. Pages 368-370 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Laerm, J., and Mengak, M. T. 2007. Plains Harvest Mouse, *Reithrodontomys montanus*. Pages 371-373 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Lang, M. and M. T. Mengak. 2007. Managing wildlife damage: Feral Swine (*Sus scrofa*). WSFNR Wildlife Management Series No. 14. 8pp.

Liner, A. E., L. L. Smith, and S. B. Castleberry. 2007. Effects of toe-clipping on survival and growth of *Hyla squirella*. *Herpetological Review* 38:143-145.

Manangan, J.S., S.H. Schweitzer, N. Nibbelink, M.J. Yabsley, S.E. Gibbs, and M.C. Wimberly. 2007. Habitat factors influencing distributions of *Anaplasma phagocytophilum* and *Ehrlichia chaffeensis* in the Mississippi Alluvial Valley. *Vector Borne and Zoonotic Diseases* 7:563-73.

Mathiason, C. K., J. Powers, S. Dahmes, D. A. Osborn, K. V. Miller, R. J. Warren, G. Mason, S. Hays, J. Hayes-Klug, D. Seelig, M. Wild, L. Wolfe, T. Spraker, M. Miller, C. Sigurdson, G. Telling, and E. Hoover. 2007. Bioassay for CWD prions in saliva, blood or excreta of deer. Annual Meeting of the Southeast Deer Study Group 30:17. (Abstract)

Mattson, B. J., and R. J. Cooper. 2007. Which life-history components determine breeding productivity for individual songbirds? A case study of the Louisiana Waterthrush (*Seiurus motacilla*). *Auk* 124:1186-1200.

McElroy, M. L., J. A. Scott, S. B. Castleberry, and M. G. Dodd. 2007. Argos data: accuracy and error polygons for each location class. Annual Symposium on Sea Turtle Conservation and Biology, Myrtle Beach, SC. (Abstract)

McMellen, A., and S. Schweitzer. 2007. Comparison of winter bird use in

restored native grasslands and exotic pastures in the southeastern United States. WSFNR Wildlife Management Series No. 11. 7pp.

Meares, J., B. P. Murphy, C. Ruth, R. J. Warren, K. V. Miller, and D. A. Osborn. 2006. Quantitative evaluation of the Severinghaus technique for estimating age of white-tailed deer. Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies 60:89-93 (published in 2007).

Mengak, M. T. 2007. Vertebrate Pest Control. Pages 19, 686-689 in 2007 Georgia Pest Control Handbook - Commercial Edition. P. Guillebeau, editor. University of Georgia Coop. Ext. Service, Athens, GA. Special Bulletin 28.

Mengak, M. T. 2007. Vertebrate Pest Control. Pages 143-146 in 2007 Georgia Pest Control Handbook – Homeowner Edition. P. Guillebeau, editor. University of Georgia Coop. Ext. Service, Athens, GA. Special Bulletin 39.

Mengak, M. T. 2007. Black Bear in Georgia. Wildlife Fact Sheet No. 1. March 2007

Mengak, M. T. 2007. Ruffed Grouse in Georgia. Wildlife Fact Sheet No. 2. March 2007

Mengak, M. T. and J. Laerm. 2007. American Beaver, *Castor canadensis*. Pages 252-257 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Mengak, M. T. and J. Laerm. 2007. Eastern Woodrat, *Neotoma floridana*. Pages 301-305 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Mengak, M. T. and J. Laerm. 2007. Eastern Harvest Mouse, *Reithrodontomys humulis*. Pages 362-367 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Mengak, M. T. and J. Laerm. 2007. Hispid Cotton Rat, *Sigmodon hispidus*. Pages 374-380 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Mengak, M. T. and J. Laerm. 2007. Woodchuck, *Marmota monax*. Pages 400-403 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy,

Southeastern Region, Durham, North Carolina, USA.

Mengak, M. T. and J. Laerm. 2007. Eastern Chipmunk, *Tamias striatus*. Pages 417-421 in Trani, M. K., W. M. Ford, and B. R. Chapman, Editors. The land manager's guide to the mammals of the south. The Nature Conservancy, Southeastern Region, Durham, North Carolina, USA.

Miller, B. F., R. W. De Young, T. A. Campbell, B. R. Laseter, W. M. Ford, and K. V. Miller. 2007. Social structuring of a central Appalachian deer herd and a test of localized management. Annual Meeting of the Southeast Deer Study Group, 30:16. (Abstract)

Miller, D. L., J. Schrecengost, and K. V. Miller. 2007. Ruptured aortic aneurysm associated with canine heartworm (*Dirofilaria immitis*) infection in a coyote (*Canis latrans*) from South Carolina. *Zoo and Wildlife Medicine* 38(3): 492-494.

Miller, K. V. 2007. How do we keep the fun in hunting? (reprint of speech given at the 30th Annual Southeast Deer Study Group Meeting) *Quality Whitetails* 14(6):34-36

Miller, K. V. 2007. Featured monthly column entitled "Deer Camp Rx" in *Outdoor Life Magazine*.

Morgan, J.J, S. Schweitzer, and J. P. Carroll. 2006. Eastern wild turkey use of a landscape dominated by agriculture and pine plantations. *Southeastern Naturalist*. 5:637-648.

Mosely, D.L., and C.A. Jennings. 2007. Habitat selection of juvenile robust redhorse (*Moxostoma robustum*): implications for developing sampling protocols. *N. Am. J. Fisheries Management* 27:1383-1392.

Muller, L. I., D. A. Osborn, E. C. Ramsay, T. Doherty, B. F. Miller, R. J. Warren, and K. V. Miller. 2007. Comparison of xylazine/ketamine to medetomidine combined with either ketamine, ketamine/butorphanol, or ketamine/telazol for immobilization of white-tailed deer. *J. Animal and Veterinary Advances* 6(3):435-440.

Munderloh, U.G., M.J. Yabsley, S.M. Murphy, M.P. Luttrell and E.W. Howerth. 2007. Isolation and establishment of the raccoon Ehrlichia-like agent in tick cell culture. *Vector Borne and Zoonotic Diseases* 7:418-425.

Norris, M.B., Winn, R.N. 2007. Evaluation of Spermatozoa as a Predictor of Germline Mutations Using λ Transgenic Medaka. *Environmental and Molecular Mutagenesis*. 48(7):S556. (Abstract)

Paddock, C.D. and M.J. Yabsley. 2007. Ecological havoc, the rise of white-

tailed deer, and the unveiling of *Amblyomma americanum*-associated zoonoses in the United States. *Current Topics in Microbiology and Immunology* 315:289-324.

Peterson, D., P. J. Vecsei, and C. A. Jennings. 2007. Ecology and biology of the lake sturgeon: a synthesis of current knowledge of a threatened North American Acipenseridae. *Reviews in Fish Biology* 17:59-76.

Peterson, J.T., C.T. Moore, S. Wenger, K. Kennedy, E. Irwin, and M. Freeman. 2007. Adaptive Management Applied To Aquatic Natural Resources. Chapter 6.4 in *Proceedings of the 2007 Georgia Water Resources Conference*, March 27-29, Athens.

Peterson, R.C., and C.A. Jennings. 2007. Effects of river discharge on abundance and instantaneous growth of age-0 carpsuckers in the Oconee River, Ga. *River Research and Applications* 23:1016-1025.

Petty, J. T. and G. D. Grossman. Size-dependent territoriality of mottled sculpin in a southern Appalachian stream. *Transactions American Fisheries Society* 136:1750–1761

Pomara, L. Y., R. J. Cooper, and L. J. Petit. 2007. Modeling the flocking propensity of passerine birds in two Neotropical habitats. *Oecologia* 153:121-133.

Read, A. S., and S. H. Schweitzer. 2007. Experimental restoration of wiregrass communities: a preliminary comparison of herbicide treatments (Georgia). *Ecological Restoration* 25:60.

Read, A. S., and S. H. Schweitzer. 2007. A preliminary comparison of herbicide treatments in the experimental restoration of wiregrass communities. *Georgia Forestry Today* 3:24.

Rincon, P.A. Bastir, M. and G. D. Grossman. Form and performance: body shape and prey capture success in four drift-feeding minnows. *Oecologia* 152:345-355

Ruiz, J. C. and J.T. Peterson. 2007. An Evaluation of the Relative Influence of Spatial, Statistical, and Biological Factors on the Accuracy of Stream Fish Species Presence Models. *Transactions of the American Fisheries Society* 136:1640-1653.

Rush, S. A., R. J. Cooper, and M. S. Woodrey. 2007. A nondestructive method for estimating the age of Clapper Rail eggs. *Journal of Field Ornithology* 78:407-410.

Schmale, M.C., Nairn, R.S., Winn, R.N. 2007. Aquatic animal models of human disease. *Comparative Biochemistry and Physiology, Part C*, 145:1-4.

Schrecengost, J. D., J. C. Kilgo, S. Ray, and K. V. Miller. 2007. Coyote food habits at the Savannah River Site, SC: the importance of white-tailed deer. *Annual Meeting of the Southeast Deer Study Group* 30:18. (Abstract)

Schrecengost, J. D., K. V. Miller, and J. C. Kilgo. 2007. Understanding the coyote. *Quality Whitetails* 14(3): 56-64.

Scott, J. A., S. B. Castleberry, and M. G. Dodd. 2007. Multiple strategies of nest site fidelity behavior observed in loggerhead turtles. *Annual Symposium on Sea Turtle Conservation and Biology, Myrtle Beach, SC.* (Abstract)

Shamblin, B. M., B. C. Faircloth, M. Dodd, A. Wood-Jones, S. B. Castleberry, J. P. Carroll, and C. J. Nairn. 2007. Tetranucleotide microsatellites from the loggerhead sea turtle (*Caretta caretta*). *Molecular Ecology Notes* 7:784-787.

Shea, C. P. and J.T. Peterson. 2007. An evaluation of the relative influence of habitat complexity and habitat stability on fish assemblage structure in unregulated and regulated reaches of a large southeastern warmwater stream. *Transactions of the American Fisheries Society* 136:943-958.

Shelton, J.L. 2007. Forestland Ponds - Management and Value in Changing Times. *Forest Landowner Magazine*, March/April 2007.

Shelton, J.L. 2007. Water Quality Management in Aquatic Animal Medicine. In *Proceedings of the 144th Annual Convention of the American Veterinary Medical Association, Washington, D.C.* (Abstract.)

Shelton, J.L. 2007. Evaluating Life Support Systems in Aquatic Animal Medicine. In *Proceedings of the 144th Annual Convention of the American Veterinary Medical Association, Washington, D.C.* (Abstract.)

Skyfield, J.P. and G. D. Grossman. Microhabitat use and movements of gilt darters (*Percina evides*) in two southeastern streams. *Ecol. Freshwat. Fish*: published online doi: 10.1111/j.1600-0633.2007.00273.x 13pp.

Spear, K. A., S. H. Schweitzer, R. Goodloe, and D. Harris. 2007. Effects of Management Strategies on the Reproductive Success of Least Terns on Dredge Spoil in Georgia. *Southeastern Naturalist* 6:27-34.

Truesdale, S. B., J. A. Scott, S. B. Castleberry, and M. G. Dodd. 2007. Transmission rates for PTT's on Loggerhead turtles. *Annual Symposium on Sea Turtle Conservation and Biology, Myrtle Beach, SC.* (Abstract)

Valitzski, S. A., G. J. D'Angelo, G. R. Gallagher, D. A. Osborn, K. V. Miller, and R. J. Warren. 2007. Behavioral responses of white-tailed deer to vehicle-mounted sound-producing devices. Annual Meeting of the Southeast Deer Study Group 30:27. (Abstract)

Valitzski, S. A., G. J. D'Angelo, G. R. Gallagher, D. A. Osborn, K. V. Miller, and R. J. Warren. 2007. Evaluation of sound as a deterrent for reducing deer-vehicle collisions. In: Part 1: Large Mammals and Ungulates. International Conference on Ecology & Transportation 2007:3. (Abstract)

Wilcox, B.R., M.J. Yabsley, A.E. Ellis, D.E. Stallknecht and S.E.J. Gibbs. 2007. West Nile virus antibody detection and persistence in American crows (*Corvus brachyrhynchos*) and fish crows (*Corvus ossifragus*). *Avian Diseases* 51:125-128.

Winn, R. 2007. Germ Cell-Mediated Genomic Instability: Fishing for Answers. Symposium: Germ Cells and Transgenerational Effects. *Environmental and Molecular Mutagenesis*. 48(7):S39. (Abstract).

Wrona, A., D. Wear, J. Ward, R. Sharitz, J. Rosenzweig, J. P. Richardson, D. Peterson, S. Leach, L. Lee, R. Jackson, J. Gordon, M. Freeman, O. Flite, G. Eidson, M. Davis, and D. Batzer. 2007. Restoring Ecological Flows to the Lower Savannah River: A Collaborative Scientific Approach to Adaptive Management. Pages 538-549 in Rasmussen T.C., GD Carroll, AP Georgakakos (eds.), *Proceedings of the 2007 Georgia Water Resources Conference*, University of Georgia, Athens.

Yablsey, M.J. 2007. *Ehrlichia* sp. related to *E. ruminantium* detected in deer. *SCWDS Briefs* 23(2).

Yablsey, M.J. and M. Edmonson. 2007. Theileriosis in reindeer from Alabama. *SCWDS Briefs* 24(1).

Yabsley, M.J., C.N. Wetch, S.M. Mitchell, T.M. Norton, and D.S. Lindsay. 2007. Seroprevalence of *Toxoplasma gondii*, *Sarcocystis neurona*, and *Encephalitozoon cuniculi* in three species of lemurs from St. Catherines Island, Georgia. *Veterinary Parasitology* 144:28-32.

Yamasaki, M., H. Inokuma, C. Sugimoto, S.E. Shaw, M. Aktas, M.J. Yabsley, O. Yamato, and Y. Maede. 2007. Comparison and phylogenetic analysis of the heat shock protein 70 gene of *Babesia* parasites from dogs. *Veterinary Parasitology* 145:217-227.

Zamor, R. M. and G. D. Grossman. 2007. Turbidity affects foraging success of drift-feeding rosyside dace (*Clinostomus funduloides*). *Trans. Am. Fish.*

Soc.136:167-176.

Zeigeweid, J., C. Jennings, D. Peterson, and M. Black. 2007. Critical thermal maximum of juvenile shortnose sturgeon. *Environmental Biology of Fishes*. DOI: 10.1007/s10641-007-9292-8

Zimpfer, N.L. and M.J. Conroy. 2006 . Movement and fidelity rates of American black ducks. *J. Wildl. Manage.*70:1770-1777. (published in 2007)