

Cooperative Agreements

Forest Service Agreement #, Cooperator, Title, Dates, Amount

- 198 Kozma Naka
Sprout Management to Improve Productivity in Hardwood Forests (Singling in North Alabama). July 8, 2003 – June 30, 2008. (\$22922).
- 196 Ken Ward and Rufina Ward
Influence of Overstory Retention Practices on Ground-dwelling Arthropods Occupying Upland Hardwood Forests of the Cumberland Plateau. July 11, 2003 – December 31, 2005. (\$28002).
- 169 Wes Stone (COMPLETED)
Evaluation of Summer Habitat Requirements and Home Range Use by Indiana Bats (Myotis sodalists) and Gray Bats (Myotis grisecens) in Bankhead National Forest, Alabama. July 25, 2000 – October 31, 2003. (\$24414).
- 144 Yong Wang and Wes Stone (COMPLETED)
Use of Experimental Tree Retention Plots by Birds and Bats at the Cumberland Plateau of Northern Alabama. May 1, 2002 – June 30, 2005. (\$26000).
- 170 Tom Green (COMPLETED)
Artificial Regeneration of Mixed Sweetgum-Cherrybark Oak Stands.
July 25, 2000 – October 31, 2001. (\$10000).
- 261 Yong Wang (COMPLETED)
Sampling Vegetation and Wildlife in Northern Alabama.
August 4, 2003 – January 31, 2004. (\$6000).
- 028 Yong Wang (COMPLETED)
Continuing Wildlife Research on the Experimental Tree Retention Plots at the Cumberland Plateau of Northern Alabama.
January 1, 2004 – December 31, 2005. (\$30000).
- 051 Yong Wang (COMPLETED)
Helen Czech. Sampling Amphibians and Reptiles in North Alabama.
January 1, 2003 – June 30, 2004. (\$6000).
- 097 Yong Wang (COMPLETED)
Adrian Lesak. Surveying Birds and Vegetation at the Tree Retention Experimental Plots of Northern Alabama.
March 1, 2002 – November 15, 2003. (\$6000).
- 207 William Hubbard and Mike Rauscher
Synthesizing the Scientific Knowledge of Forest Ecosystems in the Cumberland Plateau and Cumberland Mountains Physiographic Provinces
August 10, 2004-August 31, 2007 (\$50000)
- 074 Luben Dimov
Community Ecology and Silviculture of Southern Highland Hardwood Forests: Forest Dynamics, Spatial Patterns, Species Abundance and Diversity, Growth, and Development in Old-Growth and Managed Stands.
August 1, 2006-August 1, 2010 (\$50,000).

- 200 Yong Wang and Wubishet Tadesse
Status of Cerulean Warbler (*Dendroica cerulean*) in Northern Alabama. September 1, 2003 – December 31, 2006. (\$45000).
- 028 Yong Wang
Continuing Wildlife Research on the Experimental Tree Retention Plots at the Cumberland Plateau of Northern Alabama.
January 1, 2004 – December 31, 2008. (\$30000).
- 123 Yong Wang
Effect of Prescribed Fire and Tree Removal on Herpetofaunal Community at Bankhead National Forest
June 1, 2004-May 31, 2009 (\$30000).
- 124 Yong Wang and Wubishet Tadesse
Predicting Forest Productivity in the Southern Cumberland of Alabama (Phase I: Classifying and Quantifying Forest Types)
August 1, 2004-July 31, 2009 (\$20000)
- 130 Yong Wang
Effect of Forest Management on Herpetofaunal Diversity
May 1, 2005- April 30, 2010. (\$50000).
- 157 David Buckley
Understory Microsites Resulting From a Range of Silvicultural Treatments on Dry-xeric and Dry-mesic Oak Forest Sites on the Cumberland Plateau
June 15 1, 2005- June 15, 2010. (\$53,686).
- 219 Frank VanManen
Predicting sites for American Chestnut within the Cumberland Plateau Region.
August 1, 2006-August 1, 2010 (\$46,500).
- 134 Yong Wang
Predicting Forest Productivity in the Southern Cumberland Region of Alabama: an Application of Geographic Information System (GIS), Remote Sensing, and Statistical Modeling: Phase II: Improving Classification Accuracy of Forest Cover Type and Forest Land Type.
August 1, 2006-July 31, 2010 (\$50,000).
- 133 Yong Wang
Use of Vernal Ponds by Breeding Salamanders in the Forest Dominated Landscape of the Cumberland Plateau of Northern Alabama Phase I: Diversity, Temporal Patterns, and Habitat Effect.
August 1, 2006-August 31, 2011 (\$45,000).
- 132 Yong Wang
Wildlife and Forest Management Research: A Collaboration with the Ecology and Management of Southern Appalachian Hardwoods Research Unit of Southern Research Station of USDA Forest Service at AAMU.
August 1, 2006-July 31, 2010 (\$30,000).
- 102 Yong Wang
Spatial distribution and habitat models of herpetofauna of southern Cumberland Plateau of northern Alabama: application of geographic information systems, remote sensing and FIA data.
July 1, 2007-December 31, 2010 (\$50,000).

- 109 David Mercker
Corridor thinning in hardwood stands as an intermediate stand treatment.
July 1, 2007-June 30, 2011 (\$20,640)
- 083 Yong Wang
Small mammal and herpetofaunal response to regeneration treatments for oak upland
hardwood forests of the Cumberland Plateau of Tennessee.
June 24, 2008-June 30, 2009(\$50,000)
Request for no cost extension May 2009
- 070 Yong Wang
Avian Community Response to Oak Forest Regeneration Treatments: Resurveying the
Experimental Plots in the Southern Cumberland Plateau of Northern Alabama. May 1,
2009-April 30, 2014 (\$45,000)

Grants

- Glendon W. Smalley
Development of Ecological Land Classification Maps of U.S. Forest Service Research Study
Areas on Properties on the Cumberland Plateau in Northern Alabama and Southern Tennessee.
July 13, 2002 – November 17, 2003. (\$2000).
- Karen Kuers
Vegetation Dynamics in Low and High Quality Hardwood Sites on the Cumberland Plateau After
Harvest. August 1, 2000 – August 1, 2001. (\$10000).
Publication: