



The Cumberland HCP Science Advisory Committee Meeting Agenda
Cumberland Mountain State Park, Crossville, Tennessee
9:00 a.m.—3:30 p.m. (Central Time), Wednesday, 27 October 2010
Water Resources Day

Meeting Location: Cumberland Mountain State Park Restaurant, Lower Level, Room A
(Follow signs from park entrance to the restaurant across the lake/dam).

- 9:00 - 9:15 a.m. (Central) Arrivals, greetings, and refreshments
- 9:15 - 9:20 a.m. Introductions and overview of goals for the meeting
Sean Blomquist, Tennessee Technological University
- 9:20 - 9:30 a.m. Update and status of the Cumberlands Water Resources HCP
Katherine Medlock, The Nature Conservancy
- 9:30 - 12:30 p.m. Cumberland HCP Focused Research Presentations
Posters may be displayed as well.
*(*denotes presenter)*
1. Factors Affecting Populations of the Cumberland Elktoe *Alasmodonta atropurpurea* (Rafinesque, 1831) and the Cumberland Papershell *Anodontoidea denigrata* (Lea, 1852). *Jim Layzer* and Kendall Moles (Tennessee Technological University)*
 2. Predicting the Presence of *Cambarus Pristinus* with Preliminary Notes on its Life History. *John Johansen* and Hayden Mattingly (Tennessee Technological University)*
****10 minute BREAK****
 3. Habitat and Distribution of the Black Mountain Salamander on the Cumberland Plateau in Tennessee. *Katrina Smith* and Sean Blomquist (Tennessee Technological University)*
 4. Clonal Structure and Population Status of Virginia Meadowsweet (*Spiraea virginiana*). *Jessica Brzyski* and Theresa Culley (University of Cincinnati)*
 5. Monitoring Solutions for City Streams. *Karina Bynum (Tennessee Department of Environment and Conservation)*
****10 minute BREAK****
 6. Land Use Effects on Embeddedness in the Obed Wild and Scenic River System. *Margot Carter* and Evan Hart (Tennessee Technological University)*
 7. Aquatic Habitat Mapping of River Systems. *Paul Ayers and Ken Swinson* (University of Tennessee)*

12:30 - 1:15 p.m.	Lunch Buffet Upstairs in Restaurant
1:15 - 1:30 p.m.	Door Prizes
1:30 - 1:45 p.m.	Hydrologic Modeling <i>Evan Hart* and Joe Daraio, Tennessee Technological University and Sean Blomquist, University of Tennessee</i>
1:45 - 2:00 p.m.	Species Survey Results <i>Malissa Davis, Tennessee Technological University</i>
2:00 - 3:20 p.m.	Group Activity and Discussions
3:20 - 3:30 p.m.	Closing Remarks <i>Sean Blomquist, University of Tennessee</i>
3:30 p.m. (Central Time)	Meeting Adjourned

Main Goals for Today's Meeting

1. Inform SAC members with past and present research related to the Water Resources HCP
2. Summarize results of species survey
3. Survey follow-up

For more information about: 1) the NCFRHCP Project, please contact Alex Wyss at awyss@tnc.org or (865) 974-1955; 2) the WRHCP Project, please contact Katherine Medlock at kmedlock@tnc.org or (865) 546-5998; or visit the HCP website at www.cumberlandhcp.org.