

NOTE: Any yellow text shading or red text annotations have been added by ORNL Subject Matter Experts (SMEs). The annotations have been made in order to document (1) certain Forest Service requirements that have been waived or (2) where some requirements for the ORNL participants have been clarified or established within the ORNL Research Safety Summary (RSS) instead. The RSS 7728 is the work control document that governs the ES&H the activities/actions of the ORNL participants doing work at the Marcell Experiment Station..

U.S. Department of Agriculture Forest Service	1. WORK PROJECT/ACTIVITY Fieldwork	2. LOCATION	3. UNIT 4101/4351
JOB HAZARD ANALYSIS (JHA) References-FSH6709.11 and -12 (Instructions attached)	4. NAME OF ANALYST	5. JOB TITLE	6. DATE PREPARED

7. TASKS/PROCEDURES	8. HAZARDS	9. ABATEMENT ACTIONS Engineering Controls * Substitution * Administrative Controls * PPE
Driving Woods Roads Walking in the Woods Plot measurements	Poor road conditions Adverse Weather Tripping Hypothermia Dehydration/heat exhaustion Ticks Bear encounter Sun exposure Snags/deadheads/dead branches Poison Ivy Stinging Nettle Hunters	See these detailed JHAs for Abatement Actions pertaining to: 1) Vehicle Travel ORNL SME: This JHA was not provided to ORNL. Instead, ORNL Participants urged to use caution and drive defensively as called out by another Field Work JHA 2) Weather 3) Dehydration 4) Ticks 5) Plants/Animals High top leather boots are recommended. Take extra time moving through uneven terrain, fallen logs, wet or slippery substrate. Lift with the legs, not the back. Exercise caution in dense undergrowth. Sunglasses or protective eyewear are recommended. Be aware of your surroundings, look up besides down for overhanging hazards. Wear appropriate head gear when necessary. ORNL SME: Instead, See RSS LAST Question for further details and requirements of footwear & eye protection. Sign-out at the office and inform co-workers of itinerary before working in remote locations. Work in pairs or carry a walkie-talkie or phone. Carry emergency/ first aid supplies, maps, and compass. ORNL SME: Per 9-8-09 email from R. Kolka (USFS)- Buddy System is not required and a "sign Out" protocol does not exist. Instead, use the field communication controls in RSS Question 16.0. Also, maps/compasses are optional since the location of the bog from the vehicle

		<p><i>parking location is a relatively short distance.</i></p> <p>Be aware of hunting seasons and activity. Wear blaze orange clothing during small and large game seasons.</p> <p>If it is raining, wear visible rain gear – pants and jackets.</p> <p>Sun screen, long sleeve shirts, and pants are recommended for sun protection. <i>ORNL SME: Instead, See RSS LAST Question for requirement to wear long pants and guidance for shirt selection.</i></p> <p>In cold weather, it is recommended to wear warm hat, dress in layers, drink water, and protect hands and feet, and to avoid exhaustion, pace your activity level.</p>
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10. LINE OFFICER SIGNATURE	11. TITLE	12. DATE
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