

<b>Job Title:</b> Blue Ridge Parkway Citizen Science 2017	<b>Date:</b> 2/15/2017	<b>JHA #:</b>
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<b>Park Unit:</b> Blue Ridge Parkway	<b>Division:</b> Resource Management	<b>Branch:</b>	<b>Location:</b>
<b>Performed by:</b> Volunteers	<b>Analysis by:</b> Andrew Young	<b>Safety Officer Concurrence:</b>	<b>Superintendent Approval:</b>
<b>Required Standards and General Notes:</b>			

<b>Sequence of Job Steps</b>	<b>Potential Hazards (Associated with the Task)</b>	<b>Recommended Safe Job Procedures (To Prevent Potential Hazards)</b>
<p><b>1. Pre-survey preparations:</b></p> <p><b>2. Accessing the site</b></p>	<p><b>Unsafe working conditions</b></p> <p><b>1. Travel to trailhead/site</b></p> <p><b>2. Tripping on uneven surfaces</b></p>	<p><b>Obtain weather forecast to make sure conditions at site are acceptable to conduct the surveys:</b></p> <ol style="list-style-type: none"> <li><b>1. No more than forecast of light rain</b></li> <li><b>2. No thunderstorms or lightning or high winds forecasted</b></li> <li><b>3. Heat index no great than 100F</b></li> </ol> <p><b>Obey all traffic laws and:</b></p> <ol style="list-style-type: none"> <li><b>1. Know what milepost you are headed towards so you are not checking a map or devise while driving.</b></li> <li><b>2. Park in designated parking areas or completely off the road on hard, dry roadside shoulder.</b></li> <li><b>3. Place participation sign on your dashboard.</b></li> <li><b>4. Hide all valuables and lock your vehicle.</b></li> </ol> <p><b>Use care when walking to and from the site:</b></p> <ol style="list-style-type: none"> <li><b>1. Ensure that ground surface is free of large objects such as logs and rocks.</b></li> <li><b>2. Walk slowly and keep alert for hazards.</b></li> <li><b>3. Avoid climbing over fallen trees and other large objects</b></li> </ol>

Injury Source for the middle column: SB= Struck-By, SA = Struck-Against, CBY = Contacted-By, CI = Caught-In, CB = Caught-Between, CO = Caught On, FB = Fall-to-Below, CW = Contacted-With, O = Overexertion or Repetitive Motion, FS = Fall-to-Surface, BR = Bodily reaction, E = Exposure to Chemical, Noise, etc.

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Sequence of Job Steps	Potential Hazards (Associated with the Task)	Recommended Safe Job Procedures (To Prevent Potential Hazards)
<p>3. Surveying the site</p>	<p>3. Contact with objects</p> <p>1. Working on uneven surfaces</p> <p>2. Animal Bites or Stings</p>	<p>4. Do not put your hands or feet where you have not already visually checked for safety.</p> <p>5. Carry small enough loads that you can still see where you are walking.</p> <p>Avoid contact with rocks and plants while walking to and from the site:</p> <ol style="list-style-type: none"> <li>1. When possible, avoid walking in areas of thick vegetation where ground is not visible and branches are at face level</li> <li>2. Walk slowly and keep alert for hazards</li> <li>3. Avoid areas of vegetation with thorns</li> </ol> <p>Use care when walking to and from the site:</p> <ol style="list-style-type: none"> <li>1. Ensure that ground surface is free of large objects such as logs and rocks</li> <li>2. Walk slowly and keep alert for possible hazards</li> <li>3. Avoid steep slopes and boulder fields if safer routes are available</li> </ol> <p>Be alert for hazards and avoid walking near animals:</p> <ol style="list-style-type: none"> <li>1. When possible avoid walking in areas of thick vegetation where snakes, ticks and insect hives might not be visible.</li> <li>2. When applying insect repellents always follow product instructions</li> <li>3. Walk slowly and keep alert for possible hazards</li> <li>4. Be aware of activity of flying insects in case they are showing the location of a wasp or bee nest</li> </ol>

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	<p><b>3. Bad Weather</b></p> <p><b>4. Heat Exhaustion and Dehydration</b></p> <p><b>5. Sunburn</b></p>	<p>5. Wear gloves when looking under logs or rocks to avoid insect bites on hands</p> <p>6. Carry insect sting swabs in case of bites or stings</p> <p>7. Carry a cell phone to call for medical assistance.</p> <p>8. Millipedes can release a little bit of cyanide when disturbed. This is not harmful to you as long as you do not touch your eyes or mouth after handling millipedes. Wearing gloves or carrying hand sanitizer is recommended.</p> <p><b>Be very cautious or do not conduct the survey if:</b></p> <ol style="list-style-type: none"> <li>1. The section to be surveyed has dense fog making it difficult to see and be seen</li> <li>2. There is lightning or thunder in the area</li> <li>3. It is raining too heavily</li> <li>4. There are high winds that might blow down trees or limbs</li> <li>5. It is snowing</li> <li>6. The roads are icy</li> </ol> <p><b>Keep yourself hydrated and cool as possible:</b></p> <ol style="list-style-type: none"> <li>1. Drink plentiful amounts of water</li> <li>2. Take food and water along on survey</li> <li>3. Take breaks to cool off if needed</li> </ol> <p><b>Prevent exposure to sunburn:</b></p> <ol style="list-style-type: none"> <li>1. Apply adequate amount of sunscreen to all exposed skin</li> <li>2. Wear proper clothing to protect against sunburn—pants, long sleeve shirt, sunglasses and hat</li> </ol>

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Sequence of Job Steps	Potential Hazards (Associated with the Task)	Recommended Safe Job Procedures (To Prevent Potential Hazards)

Personal Protective Equipment	R = Required S = As Needed	Write in Type if Non-Standard or Explanatory Comments
Hard Hat		
Safety Vest (reflective)		
Safety Glasses	S	Sunglasses serve as PPE
Safety Goggles		
Face Shield		
Respirator		
Dust Mask		
Hearing Protection		
Gloves	S	
Long Sleeve Shirt	S	
Long Pants	R	
Coveralls		
Safety Apron		

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<b>Personal Protective Equipment</b>	<b>R = Required S = As Needed</b>	<b>Write in Type if Non-Standard or Explanatory Comments</b>

<b>Tools and Equipment</b>	<b>R = Required S = As Needed</b>	<b>Write in Type if Non-Standard or Explanatory Comments</b>

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