

Spring Break 2015















































SCHOOLHOUSE GAP TRAIL
Turkeypen Ridge Trail 1.1
Chestnut Top Trail 2.0
Schoolhouse Gap 2.2

SPECIAL ALERT

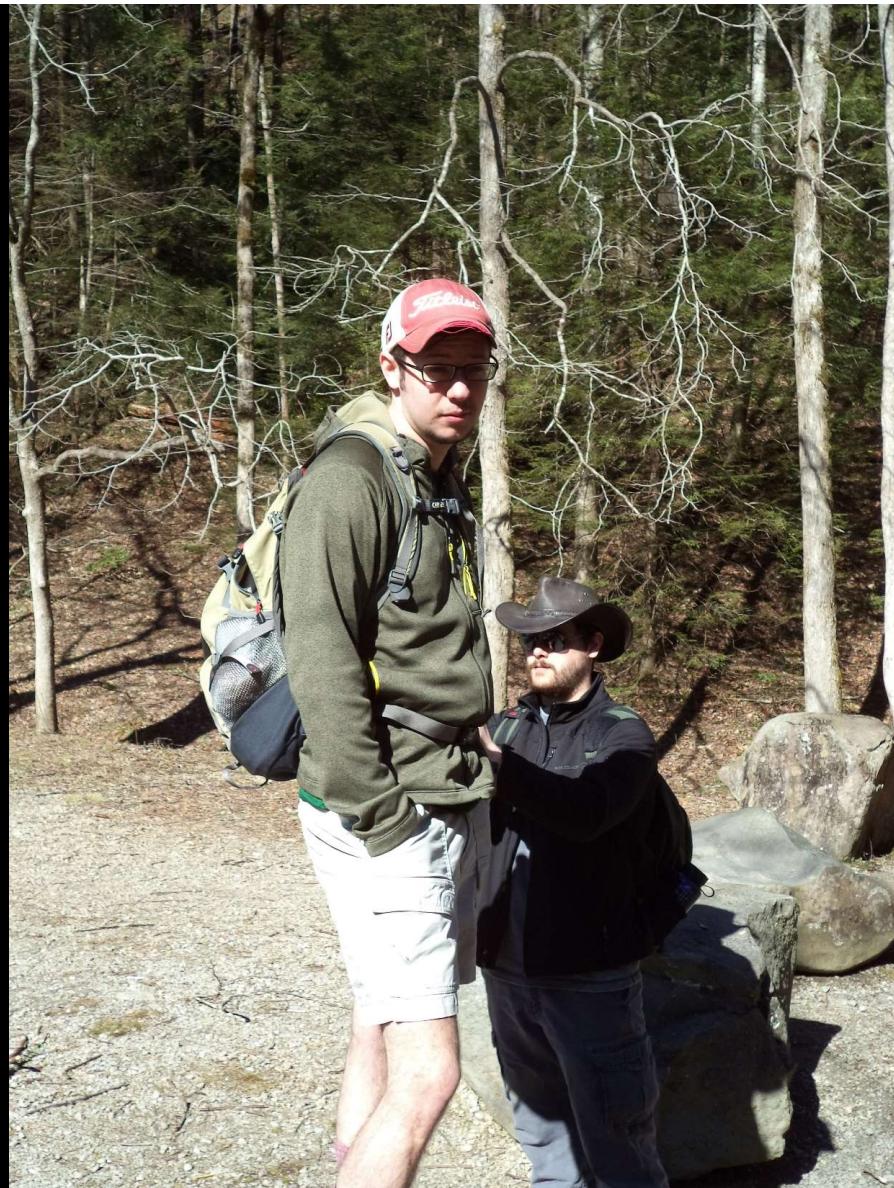
SCOTT MOUNTAIN TRAIL IS
CLOSED from campsite 6 to
Schoolhouse Gap

SCOTT MOUNTAIN TRAIL IS OPEN
from Indian Grave/Crooked Arm to
Campsite 6

Campsite 6 is OPEN

Do not put yourself or others at risk by
ignoring this closure

Please check with the Backcountry
Office at 865-416-1287 for more
information on this closure

































ABRAMS FALLS TRAIL

Abrams Falls 2.5

Moderately difficult 3-4 hour hike

No restrooms or drinking water

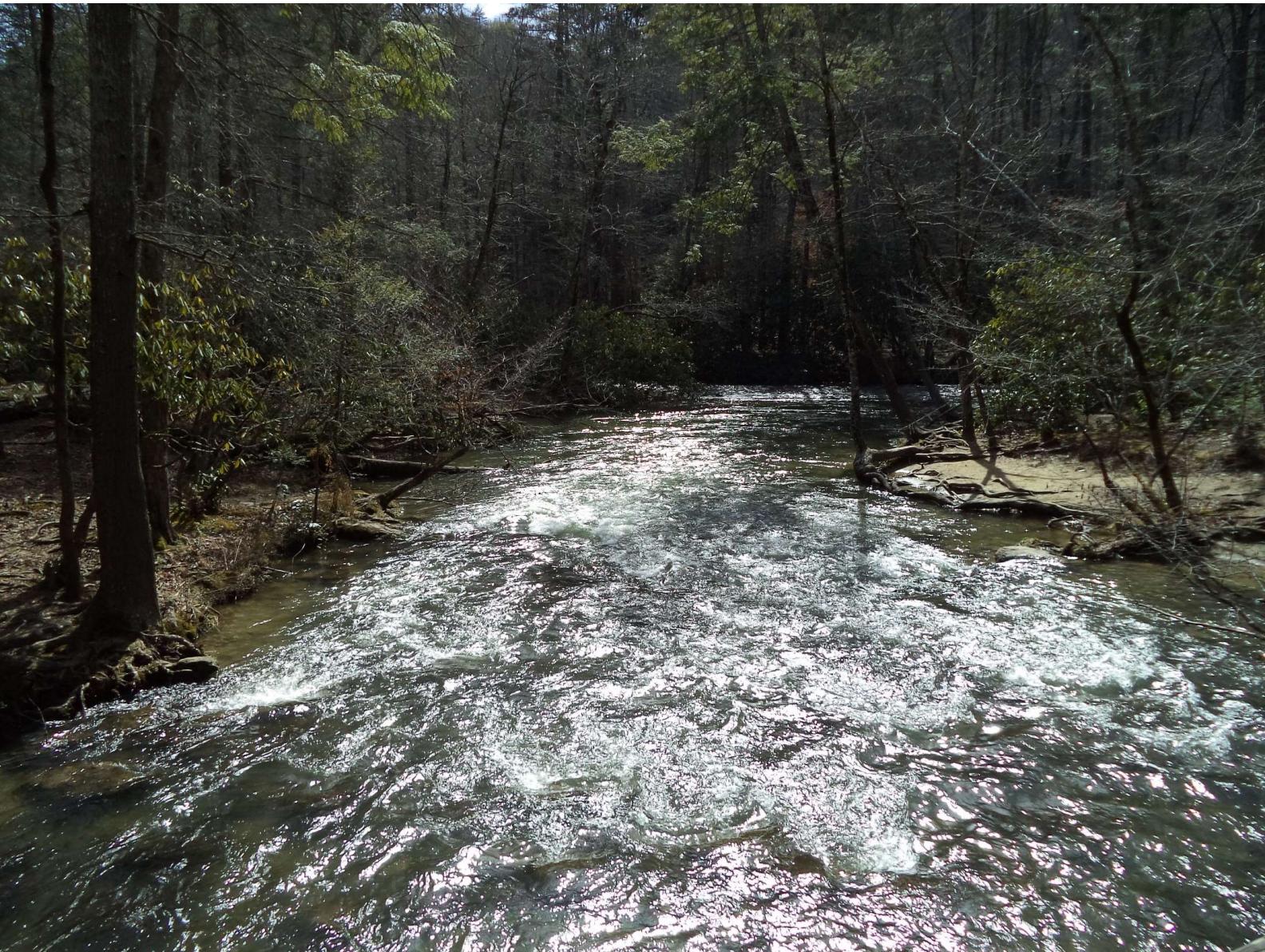
Pack out your litter

NO PETS NO BICYCLES



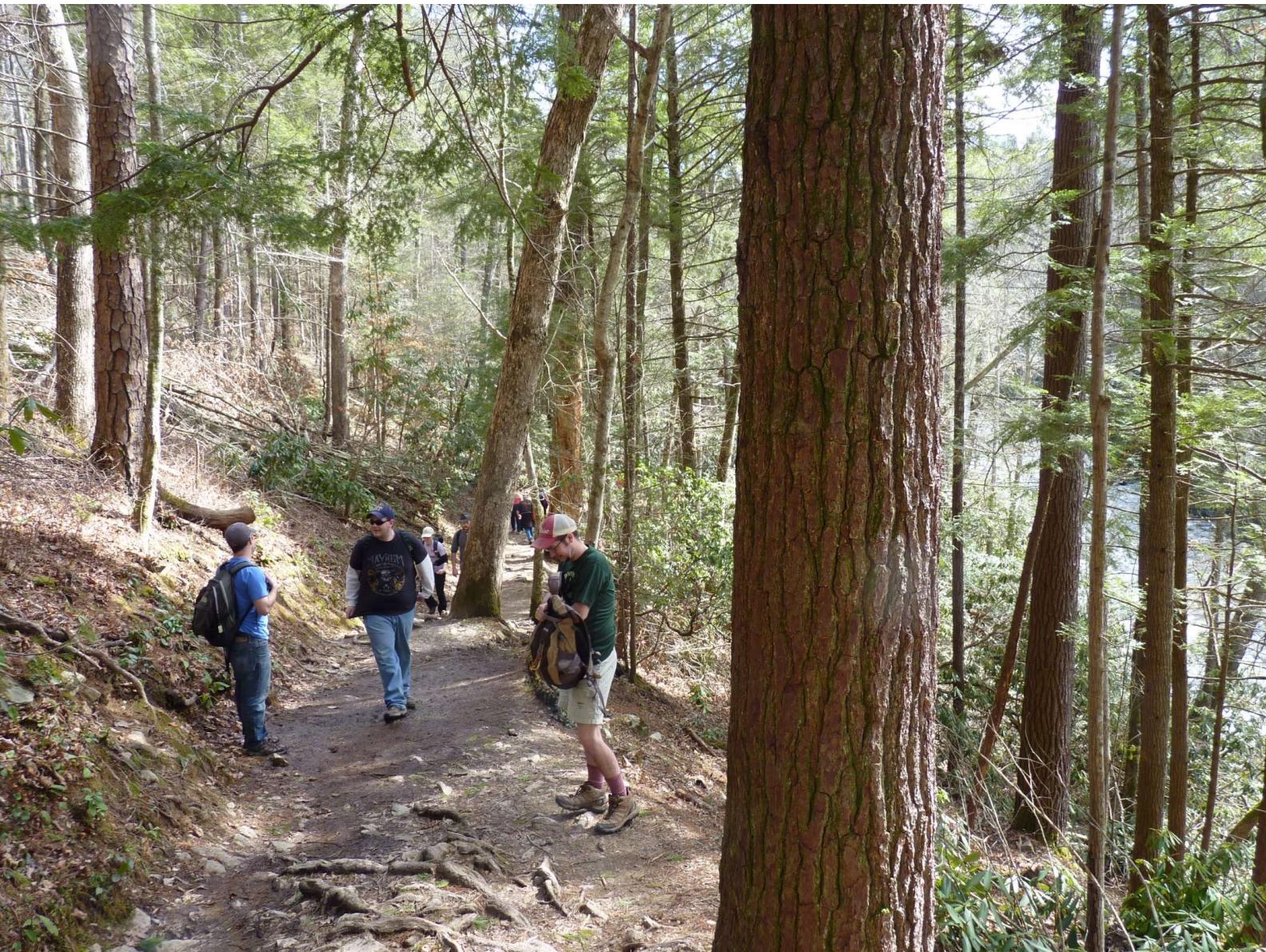














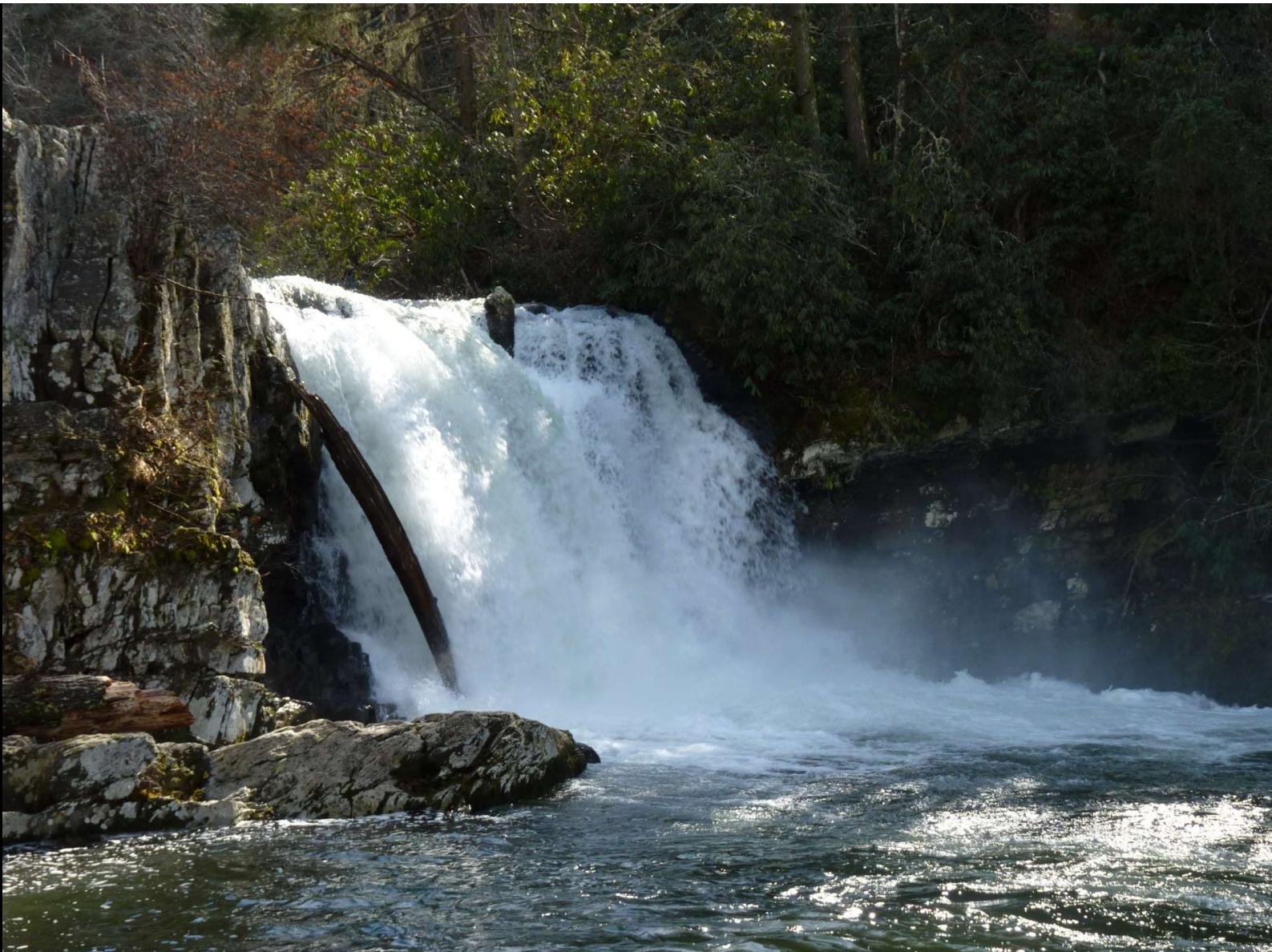






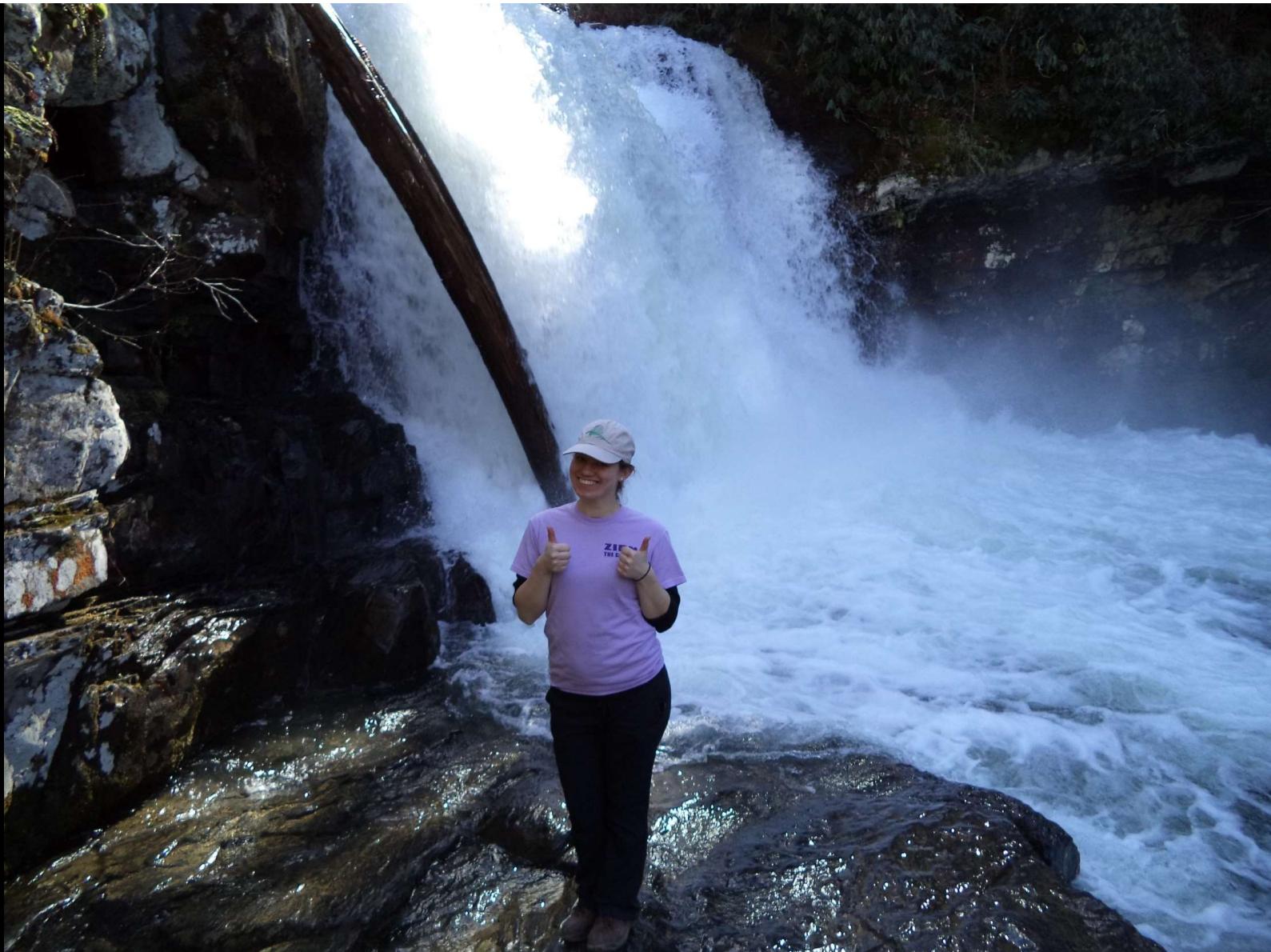
















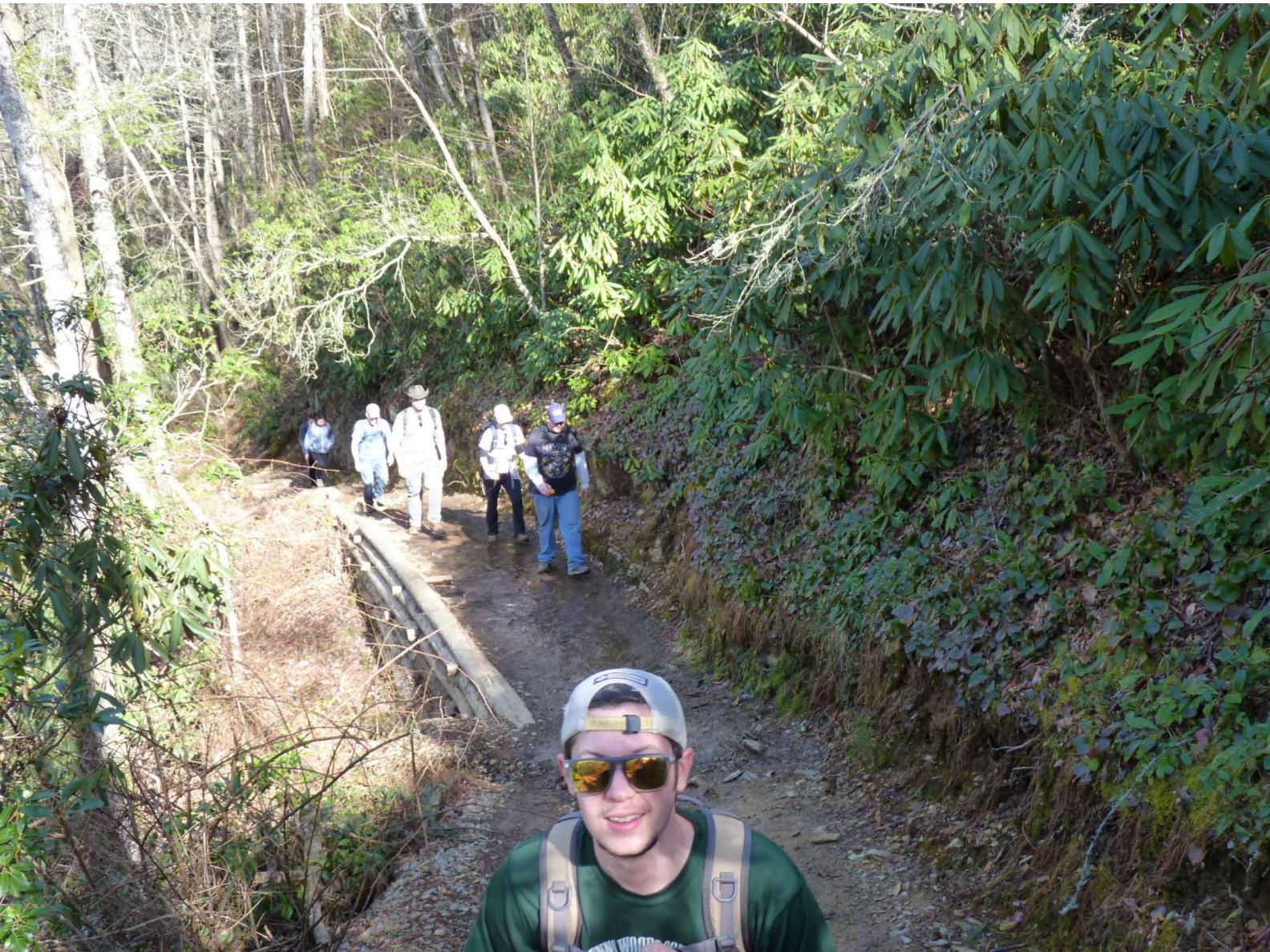


















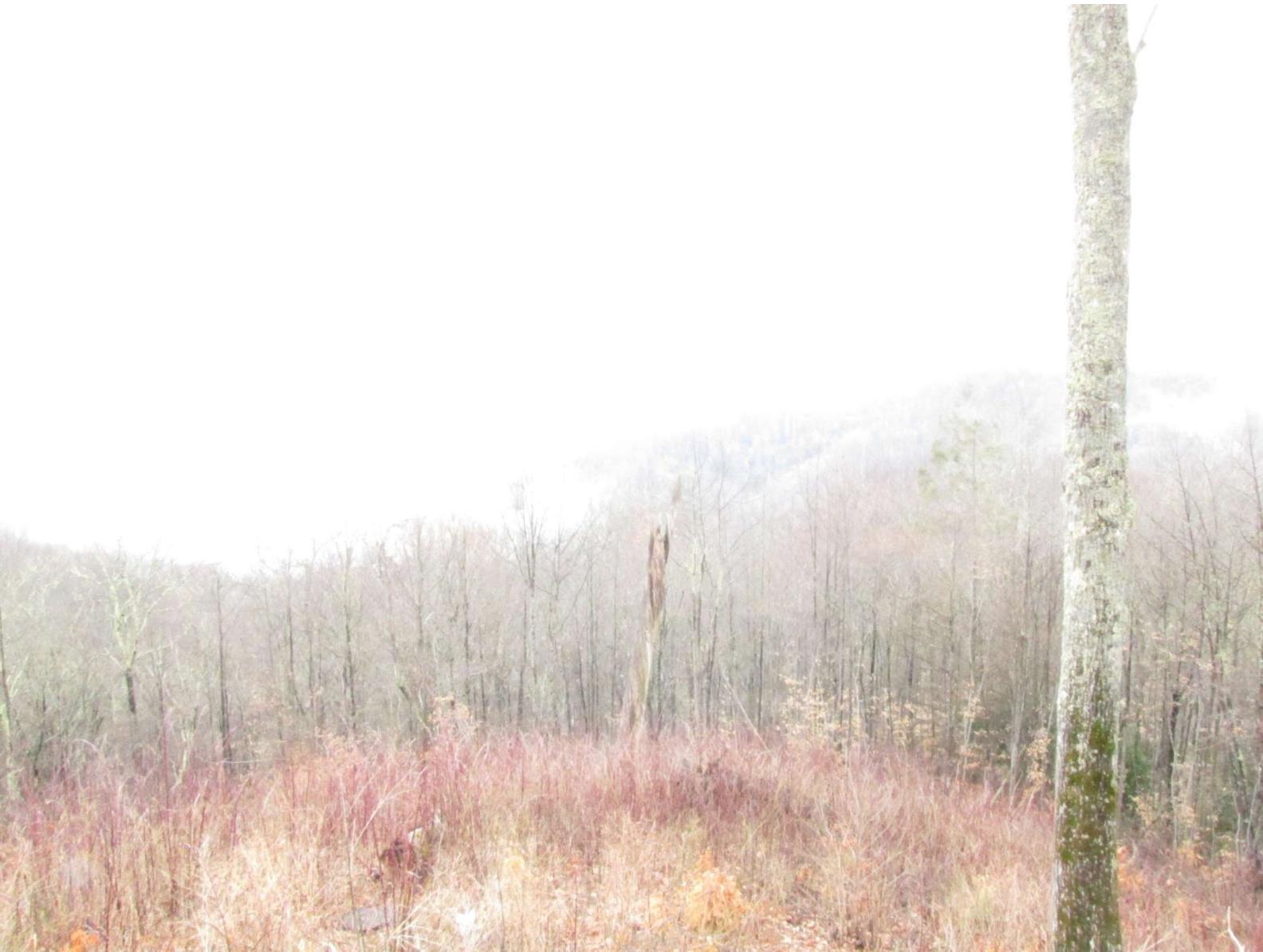


Bob Was Here

Bob visited Great Smoky Mountains National Park and especially enjoyed these historic buildings. He liked them so much, he wrote his name on the wall of the barn. He did not seem to care that these historic structures are protected by law as part of our nation's heritage, just like the Statue of Liberty.

By writing his name, Bob committed a crime. A visitor reported his vandalism to a park ranger who gave Bob a ticket. He paid a \$100 fine. If his case had gone to court, he could have been fined up to \$5000 and six months in jail.

If you wish to leave your mark on this park, please do it in a positive way by helping to protect and preserve the park's natural and historic resources.









APPALACHIAN TRAIL
Sweat Heifer Creek Trail 1.7
Boulevard Trail 2.7
Katahdin Maine 1972.0













ALUM CAVE TRAIL

Arch Rock 1.4

Alum Cave Bluffs 2.3

Mt. LeConte 5.0

























































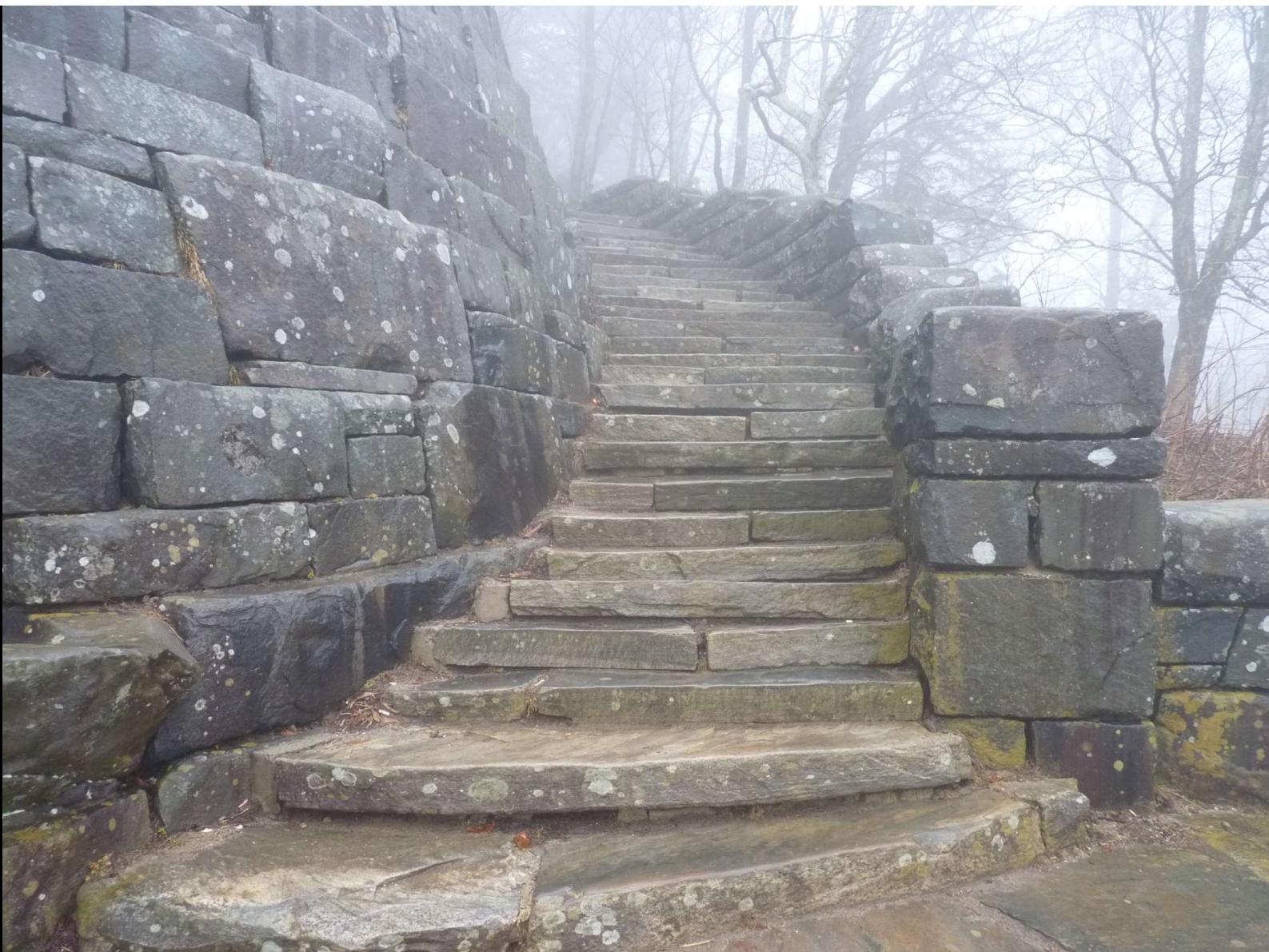






NORTH CAROLINA
TENNESSEE
STATE LINE
ELEVATION 5046
GREAT SMOKY MOUNTAINS
NATIONAL PARK









MUSEUM
MUSEUM

Museum Floor Scavenger Hunt: PLATINUM LEVEL

In the Hall of Minerals:

1. Quartz crystals can be **double-terminated** (with points at both ends). Some of these crystals are found in New York and are called: _____
2. Have you ever seen **asbestos**? Find the mineral chrysotile on display. Chrysotile is one of six **fibrous minerals** known as asbestos. Because of their flexibility, low electrical conductivity, and fire resistance, asbestos minerals were once widely used in insulation.
3. The word **dendritic** is of Greek origin and relates to trees. What display mineral has the dendritic crystal habit?



4. Gastroliths ("stomach rocks") are gastrointestinal stones used by animals that lack grinding teeth. Birds use gastroliths today, but some dinosaurs used gastroliths, too; gastroliths have been found in association with dinosaur fossils. Can you find the **dino gastrolith** on display?



5. What is the difference between a **gold karat** and a **gemstone carat**?
6. Can you find three minerals in both **uncut** and **cut/polished forms**?



7. Quartz comes in a variety of colors, but pure quartz (SiO_2) is clear. It is **trace impurities** that lend color to quartz. What gives rose quartz its pink color? Amethyst its purple color?

Rose quartz: _____ Amethyst: _____



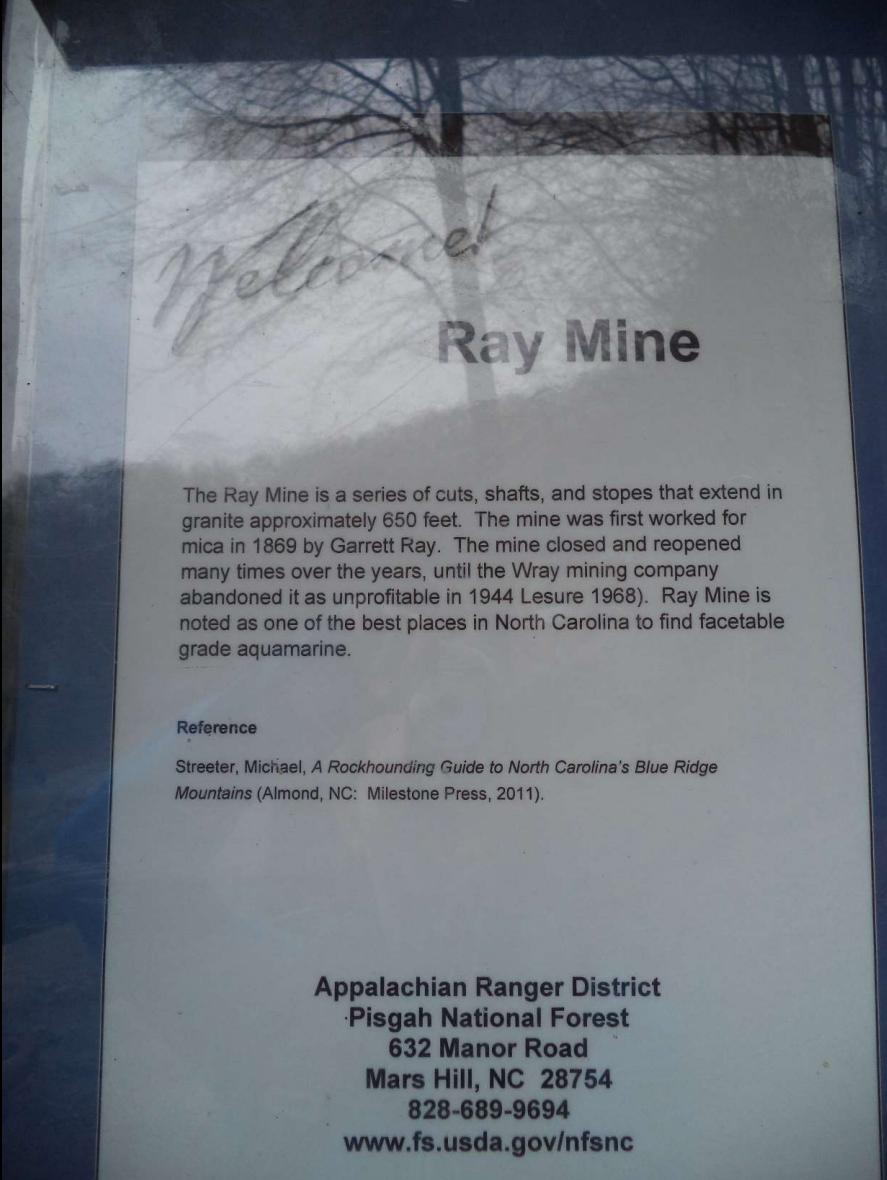
HERKIMER DIAMONDS

Herkimer 'Diamonds' are not diamonds at all, but very clear quartz crystals that are doubly-terminated, meaning they have a point at both ends of the crystal. Many of the crystals are small, perfectly transparent, with smooth faces that look almost like the facets of a cut diamond, hence the nickname 'diamonds'. These crystals are found within pockets or cavities in the Cambrian-aged (500 million-year-old) Little Falls Dolomite, in Herkimer County, New York. The 'diamonds' formed when hydrothermal fluids consisting of very hot water with dissolved minerals, flowed through the rock formation and cooled down depositing the crystals within openings in the rock.









Welcome!

Ray Mine

The Ray Mine is a series of cuts, shafts, and stopes that extend in granite approximately 650 feet. The mine was first worked for mica in 1869 by Garrett Ray. The mine closed and reopened many times over the years, until the Wray mining company abandoned it as unprofitable in 1944 (Lesure 1968). Ray Mine is noted as one of the best places in North Carolina to find facetable grade aquamarine.

Reference

Streeter, Michael, *A Rockhounding Guide to North Carolina's Blue Ridge Mountains* (Almond, NC: Milestone Press, 2011).

Appalachian Ranger District
Pisgah National Forest
632 Manor Road
Mars Hill, NC 28754
828-689-9694
www.fs.usda.gov/nfsnc

















3/21/13
KNS/ERACE

HEFFNER GAP OVERLOOK

ELEV. 3067

Project
Adventure
2013
TAC





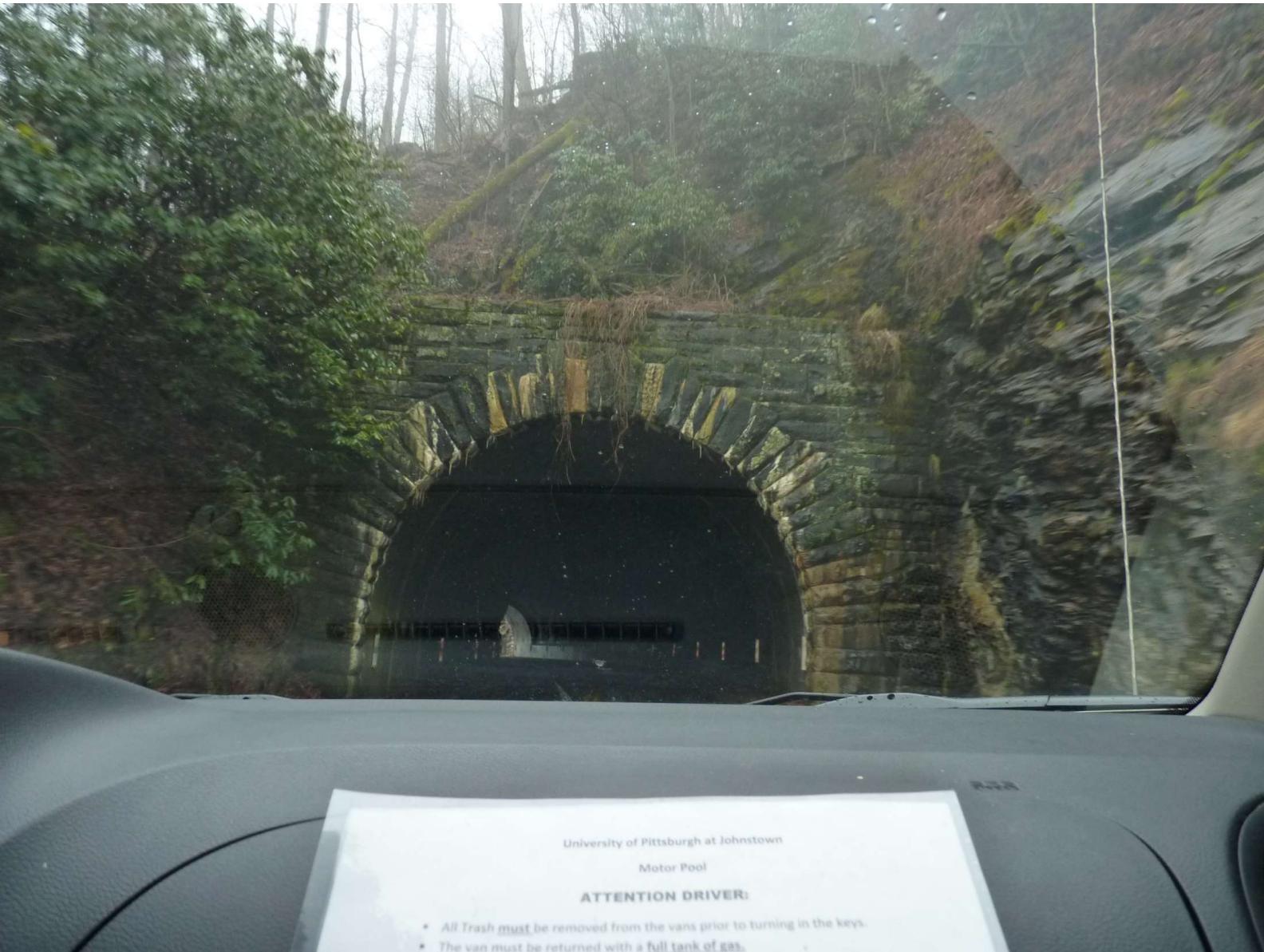












University of Pittsburgh at Johnstown

Motor Pool

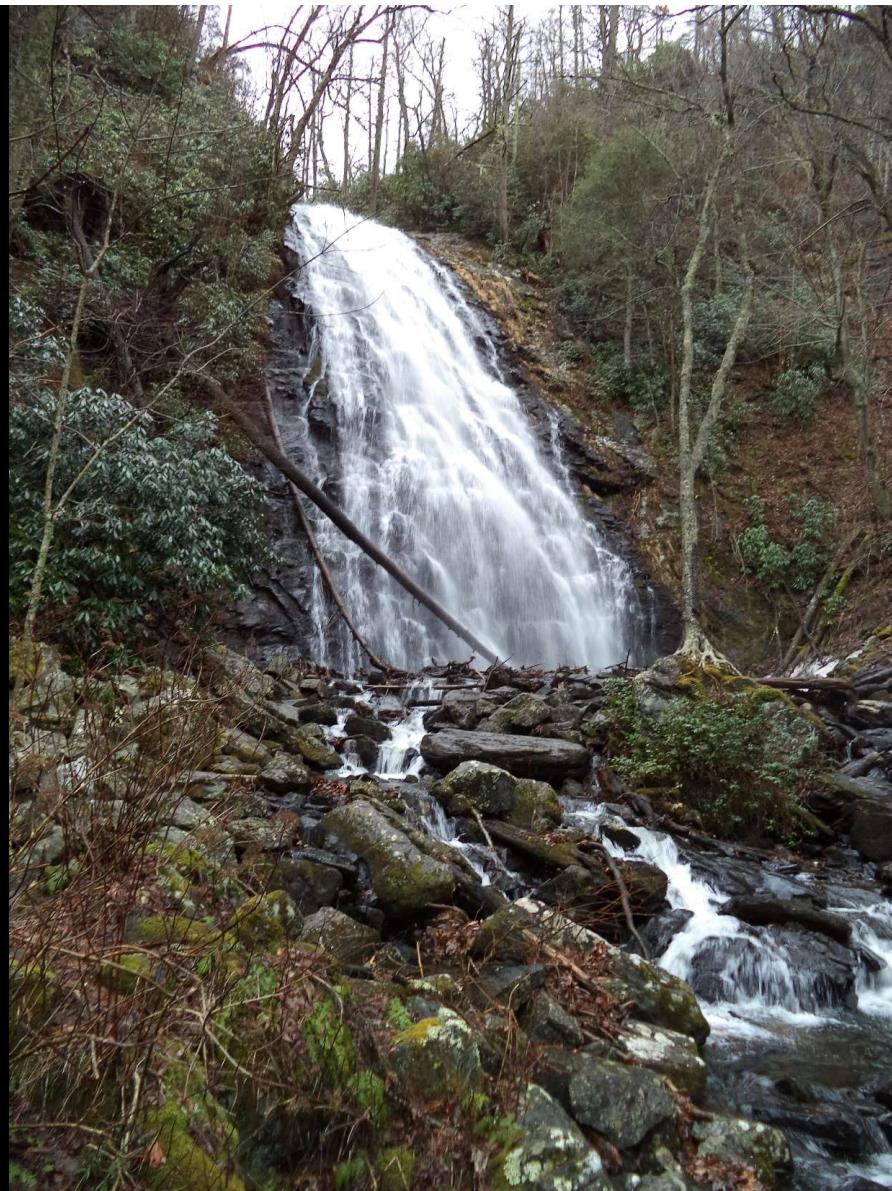
ATTENTION DRIVER:

- All Trash **must** be removed from the vans prior to turning in the keys.
- The van **must** be returned with a **full tank of gas**.



CRABTREE FALLS 1.5 MI. ↑
AMPHITHEATER 500 FT. ↑



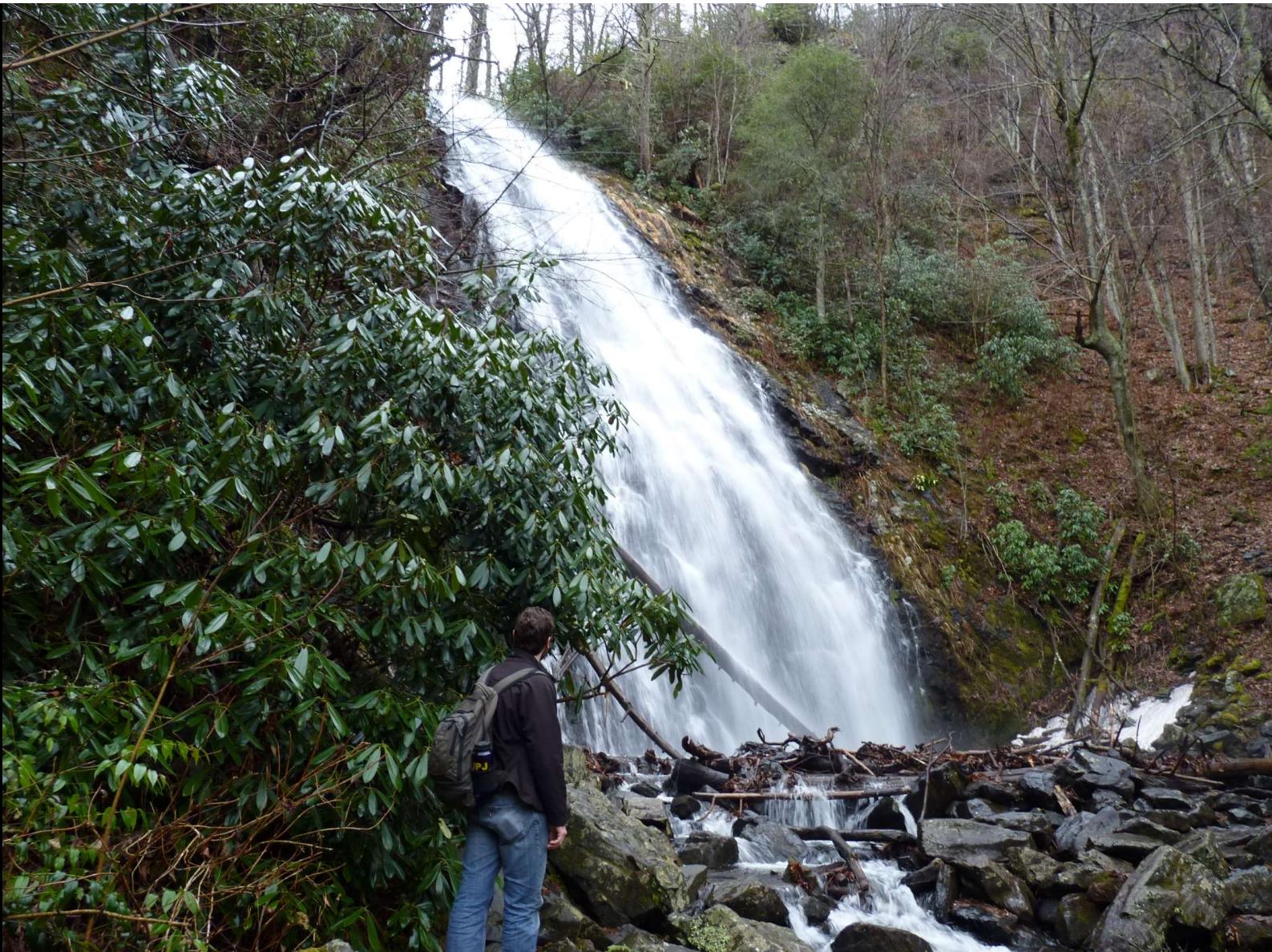










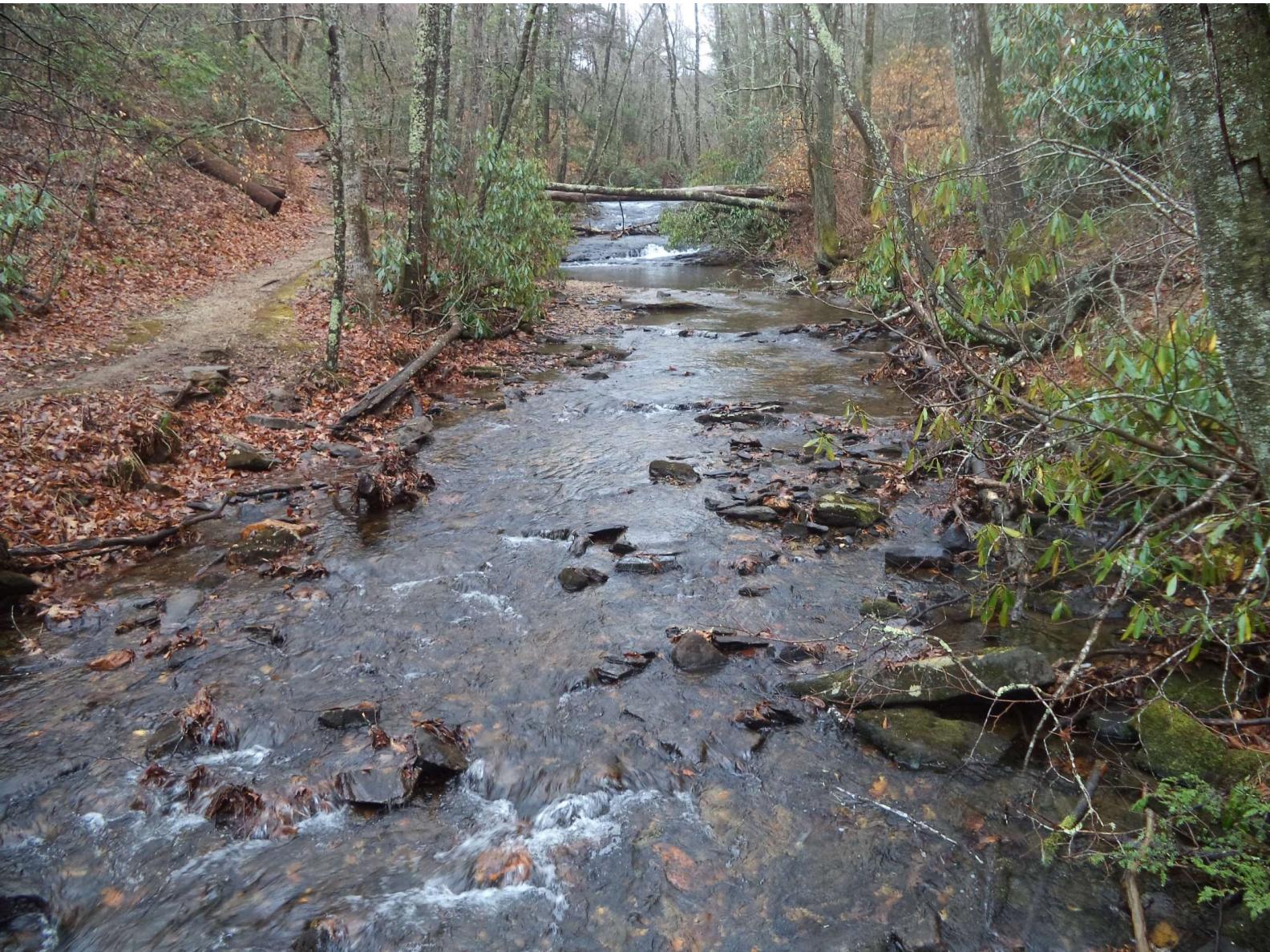






























Linville Falls Trail System



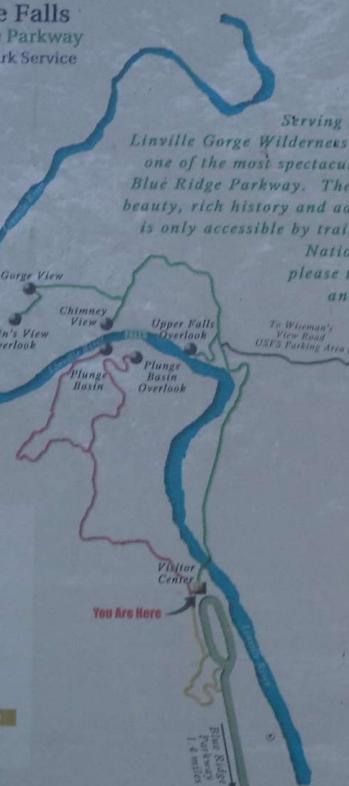
Linville Falls
Blue Ridge Parkway
National Park Service



LEGEND

- Erwin's View Trail** Moderate
Upper Falls Overlook- 0.5 Miles
Chimney View- 0.7 Miles
Erwin's View- 0.8 Miles
- Plunge Basin Trail** Difficult
Plunge Basin Overlook- 0.5 Miles
Linville Gorge- 0.7 Miles
- Dugger's Creek Loop Trail** Easy
Trail Length- 0.3 Miles

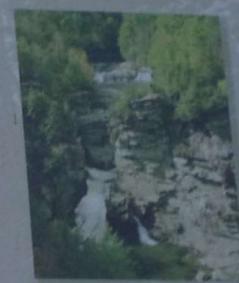
1/4 mile
1/2 mile
1 mile
1 1/2 miles
2 miles



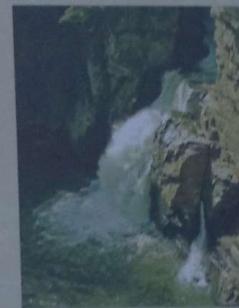
Serving as an entrance to the Linville Gorge Wilderness Area, Linville Falls is one of the most spectacular attractions on the Blue Ridge Parkway. The area is full of natural beauty, rich history and adventure. Linville Falls is only accessible by trail and protected by the National Park Service, so please take only photographs and leave no trace.



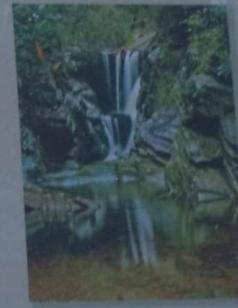
View from Upper Falls Overlook
This overlook provides a view of the smaller drops leading into the main waterfall.



View from Chimney View
This overlook is the best angle for a full view of Linville falls, Upper Falls and its surrounding beauty.



View from Plunge Basin
This overlook features an interesting side view of the Linville Falls.

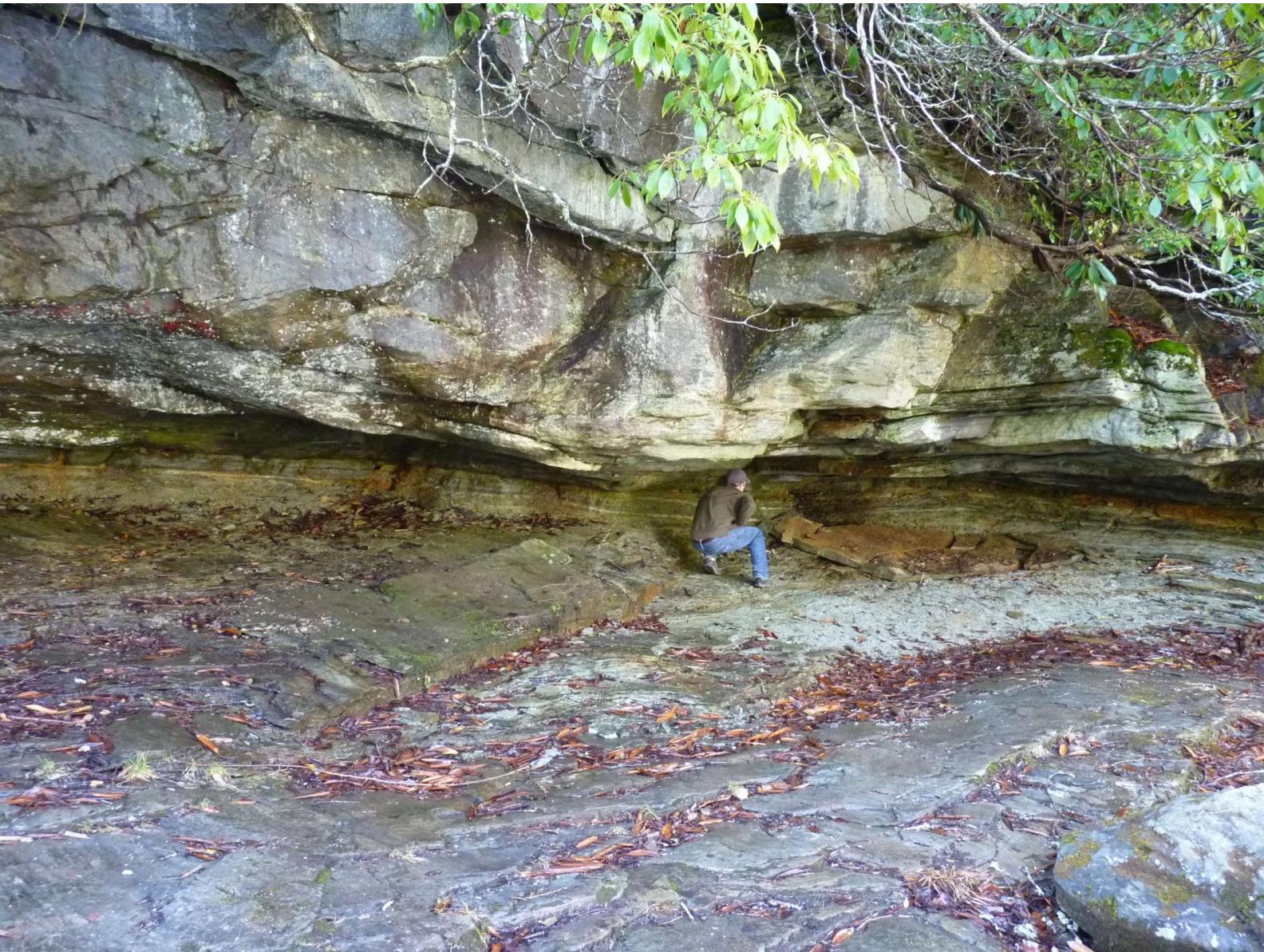


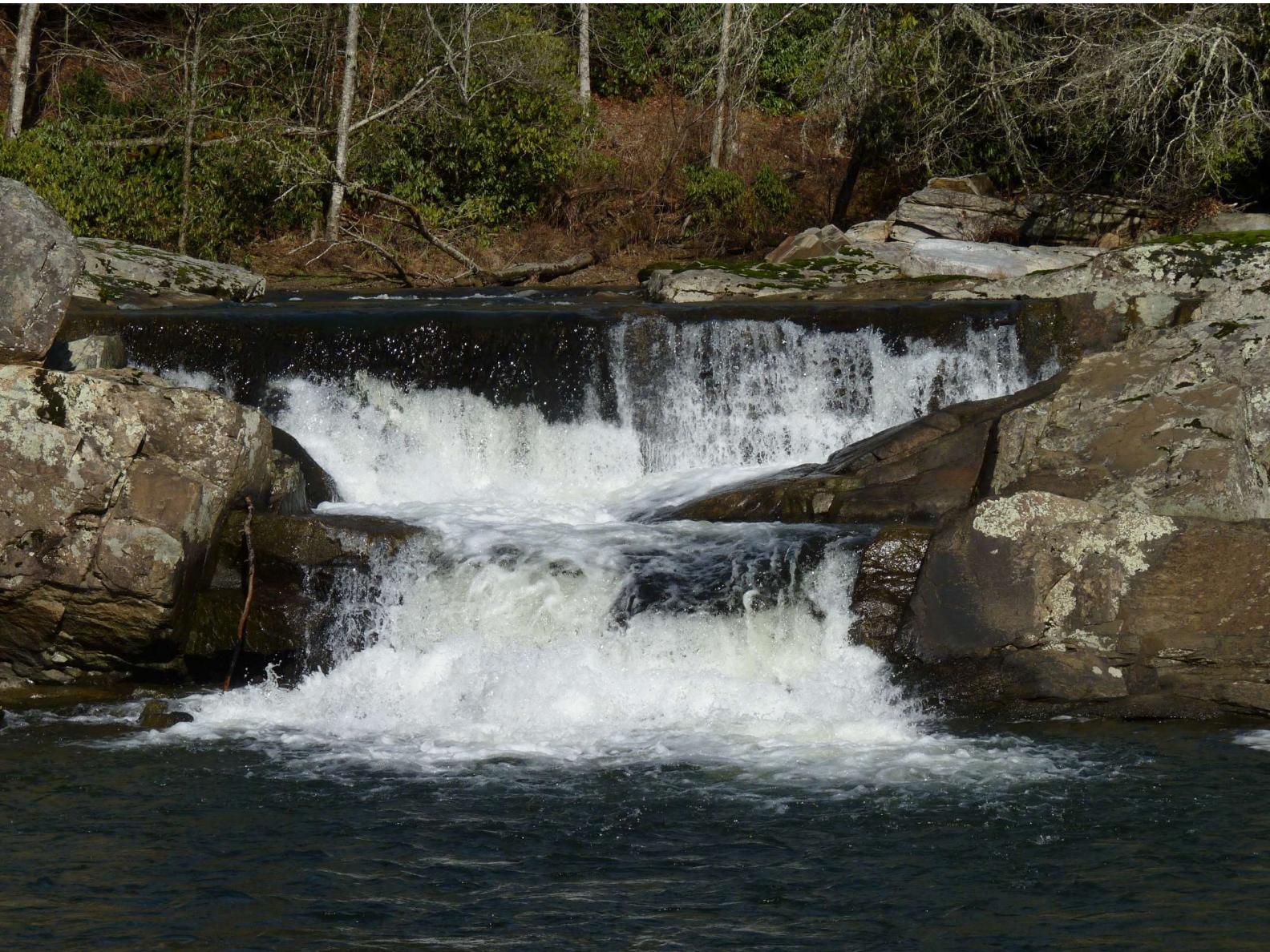
View from Dugger's Creek
This short nature trail features quiet and solitude by a small creek.















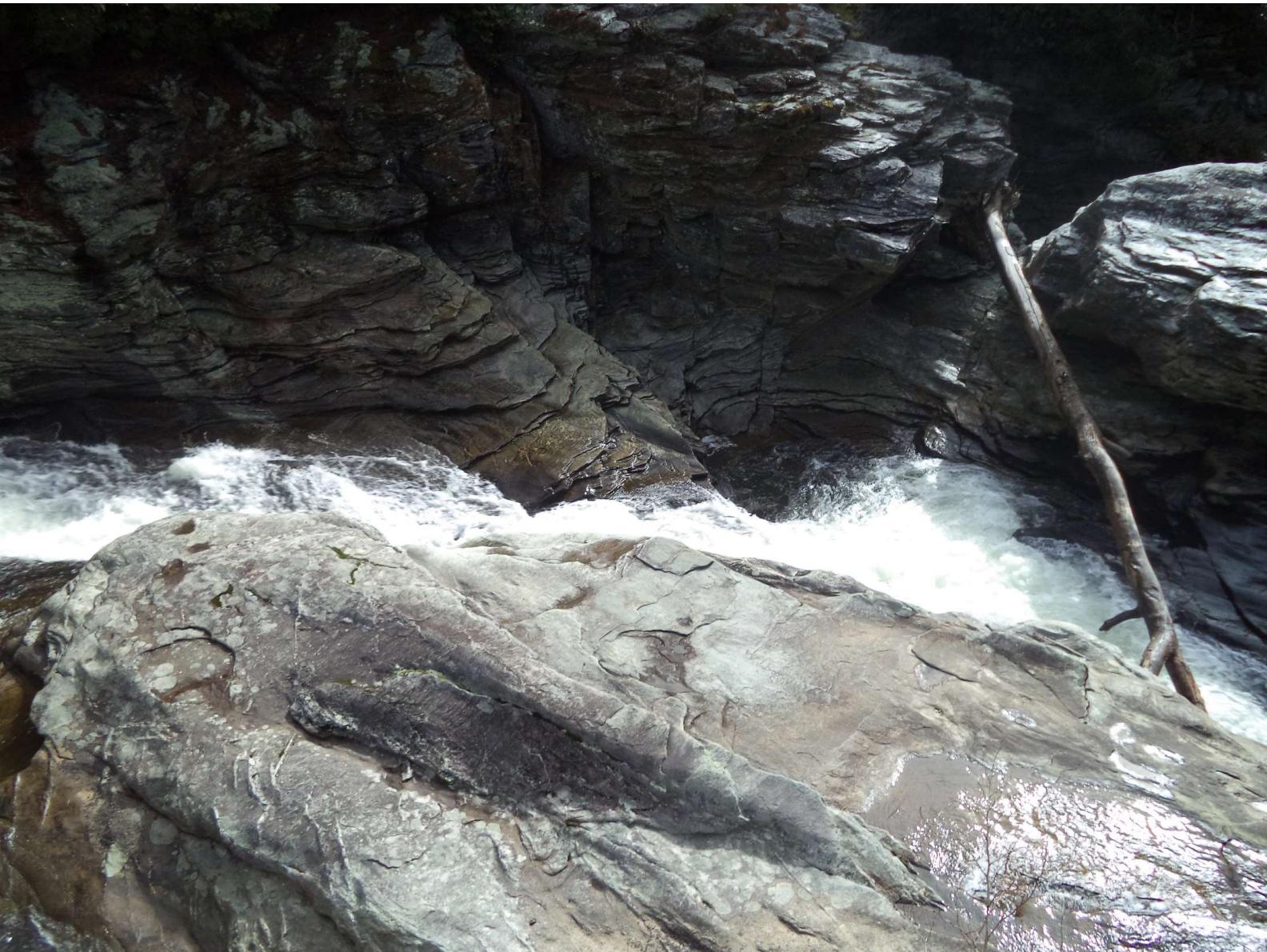


















UPPER FALLS OVERLOOK 500 FT.
CHIMNEY VIEW OVERLOOK .3 MI. →
ERWIN VIEW .4 MI. →



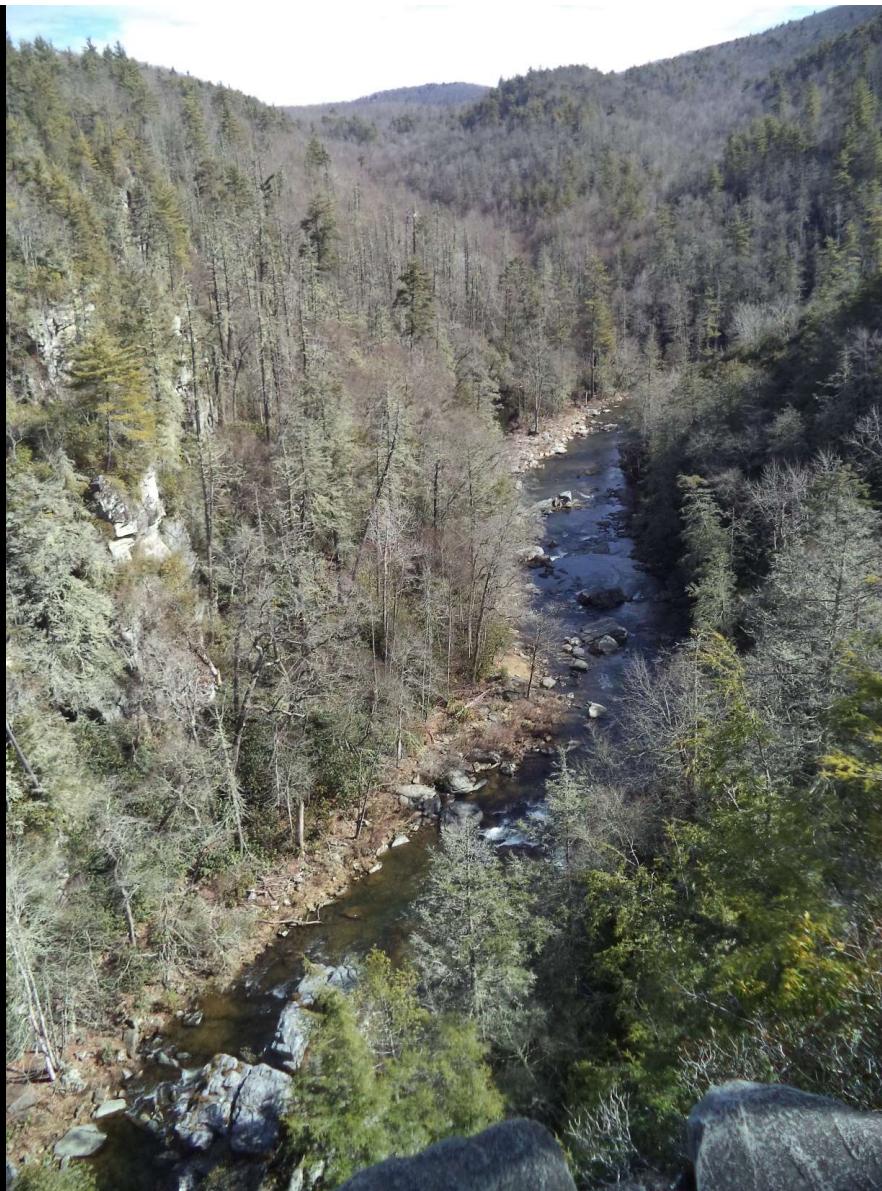






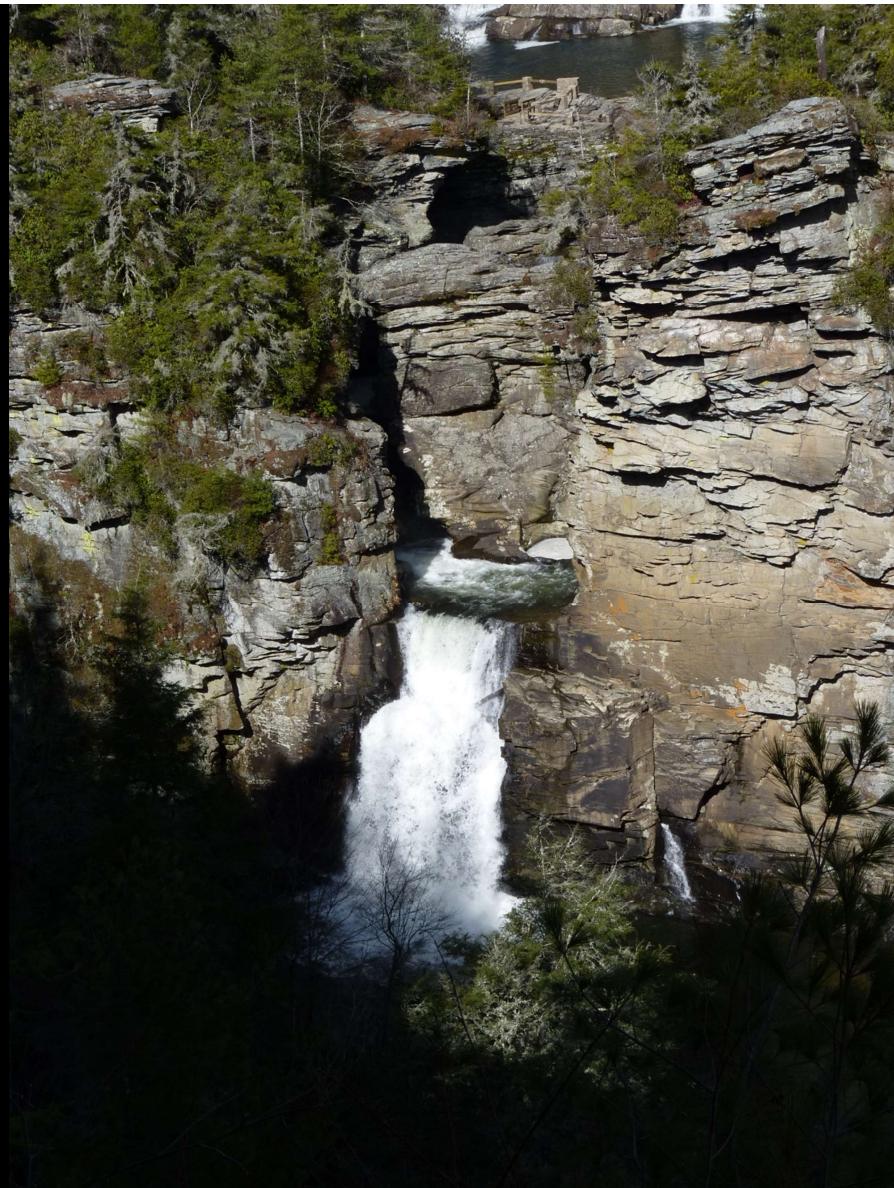














*Because Luke is Creepy and takes
pictures of random people*















BEACON HEIGHTS TRAIL

Plants, animals, and other resources
are protected by Federal law.

Pets must be on a leash while in
the Park.

Stay only on the designated trail.

BLUE RIDGE PARKWAY
NATIONAL PARK SERVICE













































