



*Our mission is to cultivate awareness, understanding, and stewardship of the Wenatchee River region by developing an active corps of well-informed community volunteers.*

**Nov. 17, 2018 Thursday, Field Trip 3: Geology and Plant Ecology tour of the lower Wenatchee Watershed with geologist Brent Cunderla and plant ecologist Susan Ballinger.** Plan for changing windy weather with a possibility of being both hot and cold! We will not cancel. We will be away from the car for up to 1-hour intervals at our stops. Weather and road conditions may result in slight changes to our itinerary.

**CARPOOL POLICY:** We ask that all passenger help to cover the driver's costs. For each trip, we suggest a \$0.55 per mile reimbursement. Multiple \$0.55 x the total number of trip miles, and split the resulting amount among the passengers (not the driver). Estimated 78 total miles.

**Every driver needs to have a Washington State Parks DISCOVER Pass & USFS Pass.**

The road to Horse Lake Preserve is a gravel primitive county road. If roads are wet or slippery, we will not drive them and use an alternative bad-weather trip itinerary.

#### **TIMELINE**

7:30 am	LEAVENWORTH participants: meet at <u>Leavenworth Park-and-Ride</u> . Form carpools and caravan. Driver needs DISCOVER Pass and USFS Pass
8:15 am	LEAVENWORTH participants: arrive at CDLT Jacobson Preserve on Skyline Drive.
7:45 am	WENATCHEE participants: meet 320 Penny Road, <u>Olds Station Park-and-Ride</u> ; form carpools & caravan. Driver needs DISCOVER Pass and USFS Pass.
8:00	Depart Penny Road Park-and-Ride for the <b>CDLT Jacobson Preserve</b> on Skyline Drive.
8:15-9:15	Plant ecology tour of the lower <b>CDLT Jacobson Preserve's</b> shrub-steppe ecosystem.
9:15	Load cars and drive to Horse Lake Road, end of pavement.
9:30-9:50	All cars stop at the <u>end of the pavement of Horse Lake Road</u> for a short intro.to Geology Field stop. We will then caravan 3 miles on the graveled county road to the trailhead. Pit toilet available.
9:50-10:45	<b>CDLT Horse Lake Preserve.</b> We'll walk the accessible short viewpoint overlook trail. Brent will introduce us to taking geologic field sketches and notes as we look up valley from our high vantage point. We will observe the 2015 burned shrub-steppe.
10:45	Depart for Peshastin Pinnacles State Park.

- 11:00-11:45 **Peshastin Pinnacles State Park.** *DISCOVER PASS required.* Pit toilet available. Brent will lead a short walk to view rock formations up close and to take field notes. Susan will introduce the plant and bird communities and a local American Indian legend.
- 11:45-12:15 Load cars and drive to **Wenatchee River Institute.**
- 12:15-1:15 Lunch break to **Wenatchee River Institute's Barn.** Indoor toilet facilities. Eat sack lunches on the porch or inside the Barn. During lunch, WRI staff will present a program and then lead a site tour of the grounds. Last indoor restrooms!
- 1:15 pm Load cars and caravan to various geology stops in the Leavenworth area.
- 2:15-3:00 Drive Mountain Home Road to the USFS overlook of the Icicle Valley for geology views
- 3:00-3:30 pm Depart and drive to the **USFS Snow Creek Trailhead** *USFS Pass required* (Outhouse)
- 3:30-4:00 pm Located within an alpine glacier-carved valley beneath cliffs, we will discuss geology, wildlife, and plant ecology, while hiking down to the river and crossing the bridge. This ends the field trip.
- 4:00-4:35 pm Cars arrive in Wenatchee at Penny Road Park-and-Ride.

**WEAR:** use layers so you can take clothing off if you get warm while we are moving, and then put clothing on when we stop and while you are stationary, standing or seated. Avoid cotton clothing (it gets wet and stays wet!)

- Sturdy shoes.
- A pair of dry shoes for the car.
- additional thermal layer like a puff coat, down jacket, or ski coat-
- Outer wind and waterproof layer top and bottom: parka and rain pants.
- One thin pair of gloves that you may be able to wear while writing.
- Warm hat

**GEAR (inside a day pack)**

- Field journal, writing tools, reading glasses inside a 1-gallon ziplock bag
- A big lunch, snacks, water bottle. A thermos of a hot drink is nice to have.
- binoculars (we will have loaners available that day)
- umbrella
- hand lens
- 1 quart water. Option: A thermos with a hot beverage
- Sack lunch and snacks.
- Sun protection Sun protection (hat, sunscreen, long sleeves, sunglasses)
- Hand sanitizer and emergency TP
- option: camera, any field guides you own (birds, mammals, trees)
- option: personal first aid kit (leader will have a larger group-sized first aid kit)