



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

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Oct. 12, 2019 Field Trip 2: Our first stop is the Columbia Breaks Fire Interpretive Center to learn about wildfires, fire ecology, and shrub-steppe shrub identification with Board President Dave Spies. We drive up the Entiat River to the CDLT Stormy Preserve where we'll be walking 1-mile round trip, flat but uneven ground. Guest scientist Aquatic Ecologist, Dr. Mark Oswood will greet us on site. Our focus will be on the riparian ecosystem and we'll explore stream macroinvertebrates, insects, and riparian plant communities.

Plan for changing weather with a possibility of rain. Bring umbrellas and hooded parkas so you can stay dry. You'll be walking through meadows, so the vegetation may be wet. We will be standing still quite a bit, so bring warm layers of clothing. If you want to get into the river and help collect insects, bring tall rubber boots or waders.

LOGISTICS OVERVIEW: From the Olds Station Park-and-Ride in Wenatchee (320 East Penny Road), we'll be driving 18 miles to Entiat and the Columbia Breaks Fire Interpretive Center (2 miles north of the Entiat on Highway 97, west side of highway). We'll take a bathroom break and mini-tour with a board member. Next, we'll drive 16.7 miles up the Entiat River to the Chelan-Douglas Land Trust Stormy Preserve property. If you drive to the 17-milepost, you've gone too far. A pit toilet is on site. At mid-day, we'll take a group lunch break on site.

TIMELINE:

- 8:15 am** All cars depart Wenatchee & caravan to Columbia Breaks Fire Interpretive Center (CBFIC). 30 minute drive.
- 8:45-9:15 am Use indoor bathrooms, as needed. CBRIC Board president Dave Spies will introduce us to the center
- 9:10-10:00 Shrub-steppe and Dry Forest ecology interpretive walk at CBRIC.
- 10:00 am Depart and drive 16.7 miles up the Entiat River to Stormy Preserve CDLT property.
- 10:30-12:30 Orientation to site at parking lot. Outhouse on site. You will be introduced to the cultural and natural history of the site, and talk about Chinook Salmon life cycle. We will focus on riparian ecology with a focus on bird and shrub identification, mammal tracking, and salmon redd observations.
- 12:30-1:00 Picnic lunch all together.
- 1:00-2:30 Collect and identify benthic macroinvertebrates from the Entiat River. Use magnification tools and references to identify insect families, led by Dr. Mark Oswood.
- 2:45 pm Load cars, depart for Wenatchee. Each car has the option to stop to stop at a store or café to make a purchase and use facilities (There are no public restrooms along our route).
- 3:45 pm Arrive at Old Station Park-and-Ride in Wenatchee.

CARPOOL POLICY: For all field trips, we will seek volunteer drivers with a goal to minimize the total number of cars used. At many of our field sites parking may be limited.

- ✓ If you are able, please volunteer to be a driver. Sign up during class.
- ✓ 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).
- ✓ Field Trip 2 to Entiat River CDLT Stormy Preserve:
Wenatchee passengers: 68 miles RT
Total miles multiplied by \$0.55/mile, divided by # of passengers (not the driver)

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!)

- waterproof boots (leather boots will get wet) to walk in wet meadows.
- A pair of dry shoes for the car.
- 2 layers of non-cotton socks (suggest bringing an extra dry pair)
- inner layer: long underwear top and bottom (not cotton)
- insulating layer: wool/fleece/polypro top and pants
- additional thermal layer like a puff coat, down jacket, or ski coat- plan to carry this inside your backpack when we are moving, then pull it out when we make stops.
- outer wind and waterproof layer top and bottom: parka and rain pants. Will use if windy and /or rainy. Can provide additional thermal warmth when stationary.
- 2 pairs of gloves/mittens. One thin pair that you may be able to wear while writing; a warmer insulating pair to wear for warmth.
- scarf or neck warmer (turtle)
- hat (can be used in combination with hood on coat)

GEAR

- Field journal, writing tools, reading glasses inside a 1-gallon ziplock bag
- binoculars (we will have loaners available that day)
- hand lens and Parish/Coupe/Lloyd field guide (inside a ziplock bag if it is rainy)
- large daypack so you have room to carry all of your clothing
- 1 quart water.
- Large picnic lunch Option: A thermos with a hot beverage (We can store these in the car- you won't need to carry it).
- Snacks to sustain you until our picnic-in-the-field lunch at noon.
- (wishful thinking here) sun protection: Visor or cap, sunscreen, lip balm, sunglasses
- Hand sanitizer (TP is supplied in pit toilet on site)
- option: camera, G.P.S. unit (this would be just for your personal fun)
- option: any field guides you own (birds, mammals, trees)
- option: personal first aid kit (leader will have a larger group-sized first aid kit)