

## NSA Field Trips and NWL Workshop Saturday, 28 March 2009

**1. Northwest Lichenologists - Valley of the Stillaguamish River, South Fork.** Probably the most pristine area within one hour's driving time from the University of Washington. The hike will explore the lower elevations of the valley. Abundant *Usnea longissima* is expected and indicative of a healthy habitat. Several lichen stops will be made along the river and on side roads. The lower elevation forest is dominated by old-growth forest, consisting of western hemlock, western redcedar, and occasional Douglas-fir. Red alder, big leaf maple and black cottonwood are abundant along the river. Upper elevation forests along Perry Creek will include grand fir. Access to higher elevations will be limited by persistent winter snow pack. If the group is so inclined we should be able to walk for some distance on trails.  
Leader – Richard Droker. Transportation will be arranged by car pool. Be prepared to reimburse the driver for gas money.  
Size limited to 30 people. Photography encouraged.

### **2. Burke Museum – Behind the Scenes**

**Behind the scenes at the Burke Museum:** The Burke Museum of Natural History is located on the University of Washington campus. Take a tour of the paleontology and biology collections with curators and collections managers. We will open up the cabinet doors and show you our collection of fossils, birds and mammals and describe how the collections are made and conserved, and how they are used. The Paleontology & Geology Division holds some of the oldest museum acquisitions and now includes ~4 million specimens, from petrified wood slabs and dinosaur bones to microfossils.

**Tour at 10 am - 12.30 pm, and then you are free to see the museum's exhibits that include a new one on Coffee.**

The tour is restricted to 12 participants because of our tight spaces.

### **3. Washington Park Arboretum/ UW Botanic Gardens**

Stroll through the University of Washington Botanic Gardens in early spring. You will be escorted by an expert of the gardens past seasonal gardens and wetlands, towards the newest garden – Pacific Connections. Early cherries may be blooming and the winter garden will be at its peak. After the tour, you are welcome to wander through the rest of the arboretum.

Tour lasts approximately 90 minutes. Meet at the Graham Visitor's Center, 10:00 am, Saturday, March 28, 2009. <http://depts.washington.edu/wpa/directions.htm#directions>

Price - \$4. Lead by a docent from the botanic gardens.

### **4. Puget Lowland Botany and Bryophyte Walk**

Search a mixed conifer, alder, and big leaf maple forest for early spring wildflowers, mosses, and liverworts. Hike will be on and off-trail, pushing aside branches, staring at newly emerged shoots, and peering at twigs. We expect to examine mossy logs, rocks, and trees up close and personal. Bring a hand lens.

Leader - Tracy Fuentes and guest bryologist. Transportation will be arranged by car pool. Be prepared to reimburse the driver for gas money.

Limit 15 people. Field trip leaders have vehicle space for 5 people. Location TBD.

#### **4. Geology of the Seattle Area**

This one-day field trip will visit tidal, bluff, intertidal, and steep slopes to view the geology of Seattle. Seattle lies in a unique geologic setting: near a subducting plate and having been glaciated more than 6 times in the last 2 million years. The area is geologically very young and very complex. Seattle is subject to abundant geologic hazards, such as volcanic activity, earthquakes, faulting, landslides, liquefaction, and other ground failures. Even though an urban center may seem an improbable place to find *any* geologic exposures, much less a rich geologic story, such examples abound here. We will visit Tertiary marine rocks, dipping Quaternary interglacial layers, uplifted subtidal sediment, deposits from the last glaciation, and spectacular landslides. The outcrops provide representative views of the deposits and landscape present throughout the Puget Lowland. We will also discuss the evidence for the Seattle fault and the tectonic setting of the Lowland. Be prepared for rain and wear sturdy (waterproof) boots or shoes. Lunch and guidebook will be provided.

Leader - Kathy Goetz Troost; director of the Pacific Northwest Center for Geologic Mapping Studies at the University of Washington. [ktroost@u.washington.edu](mailto:ktroost@u.washington.edu), 206-616-9769, <http://geomapnw.ess.washington.edu>

Size limited to 30. Price \$32. Fee includes van rental and descriptive booklet of geology.

#### **Northwest Lichenologists Workshops**

**NW Lichenologists** – Lichens on Rocks and Other Problematic Collections.

Bring your favorite lichen rock to the workshop. Share with others your knowledge of the lichens found on your rock. Amaze your friends!

We will set up a projector for touring the rocks. Please have a general idea of the genera on your rock so that others may learn.

Microscopes will be available. Some chemicals will be provided.

**Forum/Discussion** – Contracting for Lichen Survey work.

This is an opportunity for those who have done contract work to share their experiences with others about how to do it, who to contact, and what to expect. This will be an informal conversation to generate interest and knowledge for making contacts and developing proposals.