

# Bretz Club 2010

## Bretz Club Schedule, May 7 & 8, 2010

Thursday May 6, 2010: Organizers and some participants arrive  
No dinner, just lodging if requested. Oh, and the wine tasting.

## Friday May 7, 2010: HJ Andrews Experimental Forest Research Station

*All events are in the Conference Hall unless otherwise noted*

- 8am Check-in (McRae Cafeteria)
- 9am Introductions and orientation to the Inaugural Bretz Club
- 9:30am Key note 1: **Jim O'Connor** (USGS)  
Overview and state of the art on the Missoula floods, J Harlen Bretz, other important early geomorphologists in Oregon, and their role in setting the course of fluvial geomorphology
- 10:30 am Coffeebreak & Poster Session
- 11:30 am Key note 2: **Jay Noller** (OSU)  
Overview of the art on fluvial geomorphology in Oregon state – the early Missoula floods and other important settings – and their role in the course of J Harlen Bretz geomorphologists
- 12:30pm Lunch (McRae Cafeteria)
- 1:30pm Pop-ups
- 3:30pm Coffeebreak
- 4pm Key note 3: **Fred Swanson** (USFS)  
What we've done and why – group reflections on 50 years of geomorphology research in the Pacific Northwest
- 5pm Happy Hour & Poster Session
- 6pm Walk to Lookout Creek (Stop 0 of field trip)
- 7pm Dinner (McRae Cafeteria)

*After dinner campfire & music, weather and spirits permitting*

## Saturday May 8, 2010

- 7am Breakfast & make your own bag lunch (McRae Cafeteria)
- 8am Room inspection by student volunteers – you must leave your room as you found it or we incur a \$30/hr cleaning fee.
- 8:30am Field trip departs from HJA parking lot  
(see field trip guide for details)
- 4:30pm Field trip ends at Clear Lake

Ideas without precedent are generally looked upon with disfavor and men are shocked if their conceptions of an orderly world are challenged - J. Harlen Bretz, 1928

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## Inaugural Bretz Club Field Trip, May 8, 2010: Gordon Grant, Kathy Cashman, Natalia Deligne and Sarah Lewis

We are using a portion of Cashman et al. (2009)'s GSA field guide, "Fire and water: Volcanology, geomorphology, and hydrology of the Cascade Range, central Oregon" for this field trip. We provide the relevant portion of the field guide (and encourage you to acquire the entire volume of field trips associated with the 2009 GSA Portland meeting, available from the GSA website).

Below is a schedule for the field trip. The pertinent page numbers in the field guide are listed.

Stops 2 and 4 will involve light hiking, so bring appropriate footwear and rain gear, and stop 5 may involve some rowing. We will have lunch at stop 3 – this will be a bag lunch which you will make yourself Saturday morning.

Sometime on Friday:

Stop 0: Lookout creek at HJ Andrews (p. 553)  
*Example of a western Cascades stream*

Saturday:

8:30 am	Depart HJ Andrews
9:00 am	Stop 1: Lost Spring (p. 546 – 548) <i>Groundwater system</i>
9:45 am	Stop 2: Proxy Falls (p. 551 – 552) <i>Hike to Proxy falls, where a waterfall feeds the Collier Cone lava flow groundwater supply</i>
11:30 am	Stop 3: Olallie Creek (p. 554) <i>Example of a high Cascades stream (spring fed system)</i>
Bag lunch	
1:00 pm	Stop 4: Carmen Reservoir & upper McKenzie River (p. 555 – 557) <i>View the dry channel, hike from Carmen Reservoir to Sahalie falls</i>
3:00 pm	Stop 5: Clear Lake (p. 557 – 559) <i>View drowned trees and possible row boat excursion to Great Spring and lava flows.</i>
4:30 pm	Field trip ends at Clear Lake

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