Northern Sierra Nevada Field Botany  San Francisco State – Field Campus

**THEME**
This course is intended for both beginner and advanced. Focus on major sierra plant families. There will be exposure to numerous representations. The more practice will find that you pick up on patterns. If you review the terms beforehand, one will appreciate the depth of exposure.

**SCHEDULE OVERVIEW**
Mornings start at 8am/8:30am. We review major plant families for the first half of the day and utilize the surrounding botanical hotspots for afternoons and either 1 or 2 full day hikes to the region. Anticipate hikes for half days with a couple of long day hike to the sierra buttes. Hikes of 1500ft elevation max. An university van will be provided for transport along with carpooling.

Evenings will be set aside for open keying sessions. Please consider reviewing sections of the Jepson Manuel 2 plant terminology prior to the course (illustrations pg 22-31). Due to snow melt bloom destinations of field trips are subject to change. Course ends Friday after lunch.

**Pre- 1st Day – Arrival**
Sunday Evening  Arrival to the SFSU field campus. Students are welcome to gather at the dinner hall to meet the instructor and Campus Director J.R. Blair.

Day -1
7am  Breakfast- (make your lunch mornings)

8a-9am  Introductions- SFSU Sierra Campus Logistics – Welcome

9:30am  Basic Plant Morphology – basic structures  

10am-12:30pm  Part 1 -Sierra Plant Families

12:30  Lunch

1:30pm  Field Campus meadow exploration-

4:30pm  Break for afternoon recess –

6pm  Dinner

Evening  Keying in the Dining Hall – all welcome

Day -2
8am- 10am  Part 2 Sierra Plant families -plus ferns
10am- 4pm    Field Trip- All Day Fraiser Falls –
5pm          Sierra Ecology – Forest Service Guest Lecturer
6pm          Dinner
Evening      Optional keying with guest botanist

Day - 3
8am          Poeaceae –optional OR practice Review of plant families
9am          Butterfly Valley– driving field trip
12noon       Lunch – en route
1pm          Sierra Valley – vernal pools
2:30pm- 5pm  Lake Basin Trail
6pm          Dinner
Evening      Optional Keying Session

Day 4
8am          All Day Field Trip Sierra Buttes - Tamarack Lakes – Packard Saddle area
             Rough road- carpool  Optional swim on return
4pm/5pm      Return to Field Campus
6pm          Dinner
Evening      Keying

Day 5th
8am-8:30am   Course Quiz
8:30-noon    Field Trip - Yuba Pass and/or Wild Plum Campground
Noon         Last lunch – head home!
**READING MATERIAL**


Important for any budding plant taxonomist. We will use this to key plants. The glossary of terms are universal for learning plants. **Required prep: Review of the illustrations pg 22-31.**

References: Plant List of the Sierra Nevada Field Campus found on the course website. Here:  
https://drive.google.com/file/d/0BwrOdo0v4ciFVIbV3B2OXJkT1FRRFNaVGIBOGVScnl4RFRn/view

Additional material will be provided once on campus. There will be limited wifi at the campus.

**MATERIAL & SUPPLIES**

1. Curiosity and willingness to participate

2. 10x hand lens – many to choose from. Best to place on a loop to not loose it.  

3. 10 cm metric ruler

4. tweezers

5. any unlined notebook.  
   Field version that is handy for any budding plant person  
http://www.riteintherain.com/

**Highly encouraged, but not required**


7. binoculars

8. blank flashcards

9. trekking poles