

Using phenology to detect plant responses to climate change

A California Phenology Project (CPP) workshop

Who: California Naturalists, Professional Scientists, Educators, Citizen Scientists, and other Nature Enthusiasts

Where: Santa Barbara Botanic Garden (see directions below)

Date: Saturday, March 2, 2013 **Time:** 1-5pm

CPP website: www.usanpn.org/cpp

Note: we recommend that you explore the CPP website prior to the events to learn a bit about the CPP



Saturday afternoon agenda:

- 12:50pm: Arrive at Blakley Library, Santa Barbara Botanic Garden (see detailed directions below)
- 1:00-4:45pm: Presentation, hands-on practice monitoring plant phenology, and discussion
- Brief introduction to the study of phenology, the link between climate change and phenology, and the regional and national efforts to track phenology (the California Phenology Project and the USA National Phenology Network)
 - How to monitor phenology using the USA National Phenology Network's protocols
 - *Hands-on practice monitoring plant phenology- OUTSIDE!*
 - Brief demonstration of *Nature's Notebook*: the USA-NPN's user-friendly online interface for contributing phenological data
 - Discussion: how to get involved in the CPP, on your own, at SBBG, or at one of the other CPP sites
- 4:45-5:00pm: Wrap-up and Q&A

Please bring water and snacks (we will take a short break for refreshments half-way through the workshop) and dress appropriately for outdoor activities.

Workshop Facilitators: Dr. Susan Mazer and Dr. Liz Matthews, CPP Field Directors, University of California, Santa Barbara; email: phenology@eemb.ucsb.edu

Space is limited-reservations required: please register at <http://www.sbbg.org/> under "classes" or call (805) 682-4726 x 102

Directions to Santa Barbara Botanic Garden: From Highway 101 (northbound or southbound), take the **Mission Street off ramp**, turning toward the mountains on Mission Street. Follow **Mission Street** seven blocks toward the mountains (looking for the brown and white "Botanic Garden" signs) to Santa Barbara Street. Turn left onto **Santa Barbara Street** and proceed 2 blocks to the first stop sign at Los Olivos Street. Turn right onto **Los Olivos Street** and drive past Mission Santa Barbara; continue north toward the mountains to the stop sign at Foothill Road. Turn right onto **Foothill Road** and proceed to the stop sign at Mission Canyon Road. Turn left on to **Mission Canyon Road**; follow Mission Canyon Road, and then **bear right at the fork of Mission Canyon Road and Tunnel Road**. Proceed about 1/2 mile; the Garden is on the left at **1212 Mission Canyon Road**—signs for parking across the street on the right. If you have any difficulty finding us, **please call (805) 682-4726, ext. 112** for assistance.

Visit <http://www.sbbg.org/> for more information about the Santa Barbara Botanic Garden.

