

Steer's head (*Dicentra uniflora*, Papaveraceae)

Fate of the Flowers in 2018

Rob Schlising, Biological Sciences, California State University, Chico



Photo by Robert Fischer

1. Question

How successful are *Dicentra uniflora* flowers in producing seeds?

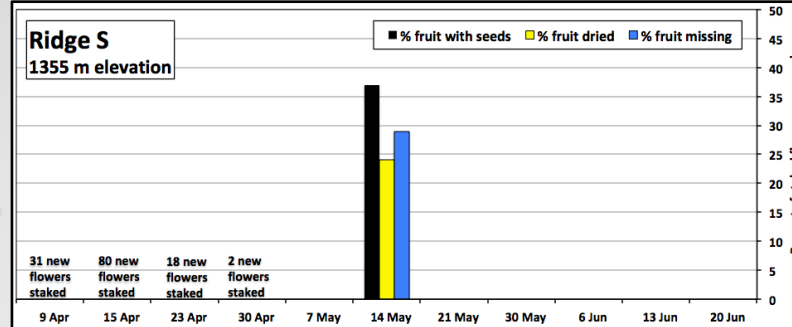
2. Methods

Fresh flowers staked at 3 sites in Butte Co., Cal; fruits collected when plants senesced

An ephemeral geophyte, 3-6 cm tall, with single flower per plant



Carpenter Ridge S
Mixed conifers and oaks



3. Results

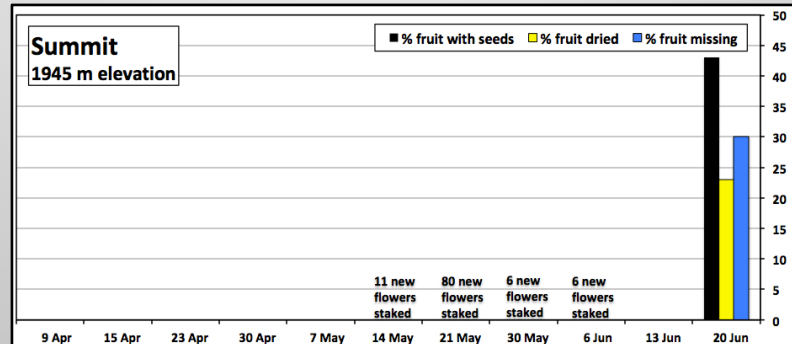
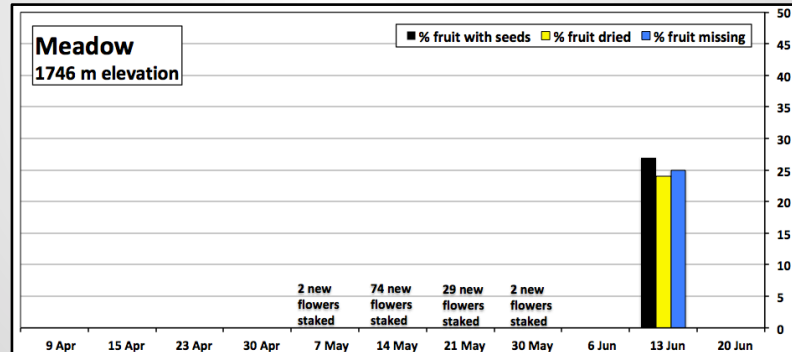
only 25-48 % flowers made seeds!

23-30 % flowers dried up

30-35 % flowers missing

4. New questions

Are black-tailed deer or larvae of the butterfly, *Parnassius clodius*, eating fruits nocturnally?



Scotts John Meadow
Mostly white fir



Humbug Summit
Mostly red fir

