

## **Lab #3: Centaurea**

## Presentation Goals

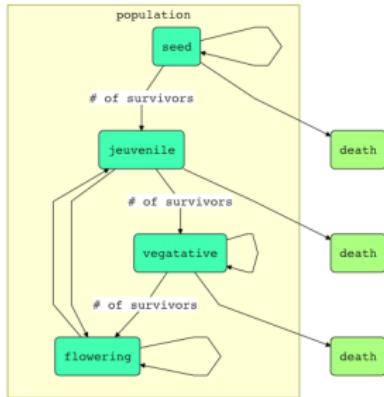
The primary goal of this presentation is to learn how to make a presentation in LaTex. I have chosen the life history of Centaurea as my subject because I will be working with this species during the coming term.

Questions: Will understanding the species' life history help us tackle its invasion? What stage of the Centaurea (an invasive plant species) life cycle is most vulnerable to biological control?

# Stages in the Life Cycle of Centaurea

- seed
- juvenile
- vegetative
- flowering

# Stage-based life cycle diagram



Flow chart of potential outcomes at each stage of the centaurea life cycle.

## Data Collection:

- number that graduated to next life cycle

## Data Collection:

- number that graduated to next life cycle
- number that stayed in same stage of life cycle

## Data Collection:

- number that graduated to next life cycle
- number that stayed in same stage of life cycle
- number that reverted back to previous stayce

## Data Collection:

- number that graduated to next life cycle
- number that stayed in same stage of life cycle
- number that reverted back to previous stayce
- number that died

## Data Collection:

- number that graduated to next life cycle
  - number that stayed in same stage of life cycle
  - number that reverted back to previous stayce
  - number that died
- 
- From this data, transitions from stage to stage will be calculated.

## Image with caption



Since I have never taken my own picture of Centaurea, here is a picture I took of my favorite fern in Vermont: *Adiantum* or Maidenhair Fern

## Image with caption overlaid



*Tsuga canadensis* or Eastern  
hemlock (my favorite tree)