

- Introductions and Welcome  
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phone: (512)471-5027  
office: BIO412 – hours by appointment
- About me
- About you (name, major, where from?, botany bkg?)
- Paperwork – van waiver and EMT info
- How this lab works
  - Meet in BIO 118 every Wednesday 1:00-5:00
  - 1<sup>st</sup> two labs are inside, then 12 field trips
  - 1<sup>st</sup> two labs learn vocabulary and how to use a key
  - 3<sup>rd</sup> lab (Feb. 2<sup>nd</sup>) has 1<sup>st</sup> of 12 quizzes (30 points each)
  - Each field trip learn 15 new plants
  - The following week have a quiz identifying 10 of the plants you have learned up to that point
  - Spelling and writing the words correctly:
    - “family” – Capitalized and not underlined
    - “genus” – Capitalized and underlined
    - “specific epithet” – underlined
  - Final Lab Practical is cumulative
  - Grades posted on e-gradebook <https://utdirect.utexas.edu/diia/egb/>
- Do not miss lab! There are NO make-up quizzes!
- Please be on time!!
- Field Trips
  - Where do we go (Brackenridge Field Laboratory (BFL), Mt. Bonnell, Zilker Botanical Gardens, Lady Bird Johnson Wildflower Center, McKinney Falls State Park, Wild Basin Wilderness Preserve, St. Edwards Park, Mary Moore Searight Park, Stengl “Lost Pines” Biological Station, Hamilton Pool, etc.)
  - What to bring
    - layered clothing – long pants
    - closed shoes or boots
    - sunscreen
    - bug repellent
    - clipboard (provided)
    - water
    - snacks
    - rain gear
- Packets (available on-line, but you do not have to print them!)
- Today: Angiosperm morphology
  - What are angiosperms?
  - What is morphology?
  - What is vegetative morphology?
  - Why do we need to learn these terms? Future use (LEARN THESE NOW!!)
- Vegetative Morphology terms
- Next Week: Reproductive morphology terms and How to use “Identification Keys”
- **\*Break\***
- Activity using vegetative morphology terms (study the plants, ask questions, fill in the blanks, turn it in)
  - Please put your current, active e-mail address on the Activity sheet

### Plant Classification for a “Wild Carrot”

**Kingdom** Plantae -- Plants

**Division** Magnoliophyta -- Flowering plants

**Class** Magnoliopsida -- Dicotyledons

**Order** Apiales

**Family** Apiaceae -- Carrot family

**Genus** Daucus L. -- wild carrot

**Species** Daucus carota L. -- Queen Anne's lace

specific epithet