

- Introductions and Welcome
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phone: (512)471-5027
office: BIO412 – Tuesday 8-9am or by appt.
- About me / you (name, major, where from?, botany bkg?)
- Paperwork – van waiver and EMT info
- How this lab works
 - Meet in BIO 118 every Thursday 8:00am-12pm
 - 1st two labs are inside, then 10 field trips
 - 1st two labs learn vocabulary
 - 3rd lab (Sept. 22nd) has 1st of 10 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 (cumulative)
 - Spelling and writing the words correctly:
 - “family” – Capitalized and not underlined
 - “genus” – Capitalized and underlined
 - “specific epithet” – no capitalization, yes underlined
 - Example: Apiaceae Daucus carota
 - another way to remember this is: the 1st 2 words are capitalized and the last two are underlined
 - Final Lab Practical is cumulative and worth 100 points
 - Notes for each lecture are posted on the library reserves page at <http://reserves.lib.utexas.edu/eres/>
 - class website: <http://www.sbs.utexas.edu/bio406d/>
 - Grades posted on e-gradebook <https://utdirect.utexas.edu/diia/egb/>
- Do not miss lab! There are NO make-up quizzes! If you must miss a lab, you must inform me BEFORE lab begins on Thursday morning at 8am (an e-mail dated before lab is acceptable)
 - if you have an excused absence, your missed lab quiz grade will be replaced with the average of all your other lab grades at the end of the semester
- Please be on time!! If you are late, you might get left behind.
- Field Trips – anyone allergic to insect stings?
 - 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 – Be prepared for any weather; we WILL go out in light rain!!
 - layered clothing – long pants recommended
 - closed shoes or boots (NO flip-flops or sandals)
 - 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 – **handout**
- Next Week: Reproductive morphology terms
- ***Break***
- **Handout** – 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