

Wildflower Journal Project
PRE-AP BIOLOGY

FINAL DUE DATE: ____/____/____

CRITERIA

1. The specimen must be **PRESSED** and **DRIED** properly (*see hand-out*).
2. The specimen must be **NATIVE** to the state of Texas and be growing **WILD**. Flowering plants in flower beds, flower centers or other man made structures will have no point value toward your grade!
3. Your project must include:
 - 20 wildflowers (*Pressed & Dried, on cardstock & placed in binder of some sort*)
 - Photo of each wildflower in its native setting before it is collected.
 - Parent Signature on Cover page (*worth 5 pts on overall grade.*)
 - Proper identification specified below.
4. Write-up (Each specimen must be on a separate sheet of paper and **TYPED**; the entire project must be in a binder when turned in and must have a cover sheet which includes the student name, class period, subject, teacher, due date and a Table of Contents.
Place specimens in alphabetical order in binder.

5. The following must be included for *each* specimen to receive full credit:

- 5 pts. ***Original Photograph ONLY; PICTURES FROM MAGAZINES, FLOWER CENTERS, INTERNET, and FRIENDS WILL NOT BE ACCEPTED.***
- **STUDENTS LOOKING FOR FLOWERS TOGETHER CANNOT USE THE SAME PICTURES.**
 - **IN ORDER TO RECEIVE CREDIT, YOUR TEACHER MUST BE ABLE TO IDENTIFY THE SPECIMEN FROM YOUR PHOTOGRAPH.**
 - **PHOTOS FROM DIGITAL CAMERAS MUST BE TIME- STAMPED WITH DATE ON PICTURE & PRINTED ON PHOTOGRAPHIC PAPER.**
- 5 pts. **Pressed and Dried – Entire Specimen with Flower (*includes the stem down to where it goes into the ground*)*See handout for pressing flowers***
- 2 pt. **Common name**
- 2 pt. **Scientific name (*don't forget to italicize or underline if hand written*)**
Include identification guide with Title, Author & Page Number found on or specific web address!
- 2 pt **Family Name (the Family in which your specimen would be classified in)**
- 2 pt. **Location found (*where it was sighted – be specific*)**
Ex: 1 mile West of Hwy 71 on 620 S.
- 2 pt. **Paragraph (1/4 page) describing plant species (*include flower color & number of Petals, habitat location, leaf arrangement, etc – the more the better!*)**

6. Other Requirements:

Finishing the collection (required):

- Include a close up of the flower head and a picture of that entire plant on a single page of your photo album
- Never put more than one type of flower per page
- Attach the label in the lower right corner so that it does not touch any part of the photographs
- Number your pages in order in the lower right hand corner of the page
- Remove any excess page in the album
- PLACE FLOWERS IN ALPHABETICAL ORDER BY COMMON NAME!!
- MAKE A TABLE OF CONTENTS WITH PAGE NUMBERS AND THE COMMON NAME OF THE FLOWER
- INCLUDE THE FOLLOWING THINGS ON YOUR COVER --- TITLE (WILDFLOWER COLLECTION), YOUR NAME, DATE SUBMITTED, SUBJECT, CLASS PERIOD, & TEACHER'S NAME

DO NOT SELECT ANY OF THE FOLLOWING PLANTS FOR YOUR PLANT COLLECTION!!!

ENDANGERED & THREATENED PLANTS OF TEXAS

1. Sand-verbena, large-fruited (*Abronia macrocarpa*)
2. Ambrosia, south Texas (*Ambrosia cheiranthifolia*)
3. Cactus, Tobusch fishhook (*Ancistrocactus tobuschii*)
4. Cactus, star (*Astrophytum asterias*)
5. Ayenia, Texas (*Ayenia limitaris*)
6. Poppy-mallow, Texas (*Callirhoe scabriuscula*)
7. Cactus, Nellie cory (*Coryphantha minima*)
8. Cory cactus, bunched (*Coryphantha ramillosa*)
9. Cactus, Sneed pincushion (*Coryphantha sneedii sneedii*)
10. Cat's-eye, Terlingua Creek (*Cryptantha crassipes*)
11. Cactus, Chisos Mtn. hedgehog (*Echinocereus chisoensis chisoensis*)
12. Cactus, black lace (*Echinocereus reichenbachii albertii*)
13. Pitaya, Davis' green (*Echinocereus viridiflorus davisii*)
14. Cactus, Lloyd's Mariposa (*Echinomastus mariposensis*)
15. Frankenia, Johnston's (*Frankenia johnstonii*)
16. Sunflower, Pecos (*Helianthus paradoxus*)
17. Rush-pea, slender (*Hoffmannseggia tenella*)
18. Dawn-flower, Texas prairie (*Hymenoxys texana*)
19. Bladderpod, white (*Lesquerella pallida*)
20. Bladderpod, Zapata (*Lesquerella thamnophila*)
21. Manioc, Walker's (*Manihot walkerae*)
22. Phlox, Texas trailing (*Phlox nivalis texensis*)
23. Pondweed, Little Aguja Creek (*Potamogeton clystocarpus*)
24. Oak, Hinckley (*Quercus hinckleyi*)
25. Ladies'-tresses, Navasota (*Spiranthes parksii*)
26. Snowbells, Texas (*Styrax texanus*)
27. Dogweed, ashy (*Thymophylla tephroleuca*)
28. Wild-rice, Texas (*Zizania texana*)