Plant & Soil Science Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mr. Hovell

73 Points

**Plant Identification Portfolio**

**Project Description:** Students will work together in class, while accomplishing productive individual tasks outside of class, to assemble an informative and aesthetically pleasing plant identification portfolio.

**Procedure:** Work productively to plan, collect, and assemble the portfolio. Some work will need to be done OUTSIDE of class. You will only get 6 days to complete this project.

**Grading:** The Plant Identification Portfolio (PIP) must have 12 Wisconsin plants, and there will be two pages per plant in the portfolio. One page will be a preserved sample and the opposite page will be informational.

**The Portfolio:** The portfolio collection is worth **48** points, 12 plants at 4 points apiece. Each of the following categories will be worth one point. Note: **THREE** (3) of the specimen must be weeds.

1. Common Name and Scientific Name
2. List three key identifying characteristics of the plant in the environment.
3. Annual, Biennial, or Perennial
4. Preserved Sample (Must be dried **and** preserved ideally to get a point)

*You may use any of the following to assemble your plants…contact paper, saran wrap, photo album, tag board, a scrapbook, a three ringed binder, etc. Please be creative and develop a solid method.*

**Neatness and Organization:** Also, your PIP **must include a cover page** and a quality **table of content**s. The table of contents should be only one sheet and should list each weed specimen in the order it appears **and** its **page number**. The cover page, table of contents, and overall neatness are worth **10** points.

**The Reflection:** At the completion of the project you will be expected to assemble a minimum 3/4 page (typed, single-spaced, size 12 TNR font) *reflection* on the WIP project. For **10** points you must address the following topics:

1. What did you do well?
2. How could you have been more effective?
3. What is the main bit of information that you learned from this experience?

**Work Ethic:** How well you work on this project will be your score out of 5 points.

**Due Date:** This portfolio will be due on Friday, September 21st .

We will **NOT** work on the project every day until the deadline in class.

Check out our class website- [www.indeeag.weebly.com](http://www.indeeag.weebly.com) for a list of resources-

**SPECIMEN LIST OF MANY (NOT ALL) COMMON WEEDS**

|  |  |
| --- | --- |
| WAnnual sowthistle | Barnyardgrass |
| Beggarticks | Bermudagrass |
| Big bluestem | Blackeyed Susan |
| Blackseed plaintain | Bladder campion |
| Broadleaf plaintain | Broomsedge |
| Buckhorn plaintain | Bur cucumber |
| Bull thistle | Canada thistle |
| Chicory | Cockle, white |
| Common burdock | Common chickweed |
| Common cocklebur | Common lambsquarters |
| Common milkweed | Common mullein |
| Common ragweed | Curly dock |
| Crabgrass, large | Dandelion |
| Downy brome | Eastern black nightshade |
| Fall panicum | Field bindweed |
| Giant foxtail | Giant green foxtail |
| Giant ragweed | Gray goldenrod |
| Ground ivy | Hairy crabgrass |
| Hedge bindweed | Hemp dogbane |
| Henbit | Hoary alyssum |
| Horseweed | Honeyvine milkweed |
| Ivyleaf morningglory | Jerusalem artichoke |
| Jimsonweed | Johnsongrass |
| Jointed goatgrass | Knotweed |
| Kochia | Ladysthumb smartweed |
| Leafy spurge | Marestail (horseweed) |
| Musk thistle | Nettle, stinging |
| Oat, wild | Pennsylvania smartweed |
| Pennycress, field | Perennial sowthistle |
| Plumeless thistle | Pokeweed, common |
| Prickly lettuce | Prickly sida |
| Prostrate pigweed | Purslane |
| Quackgrass | Redroot pigweed |
| Russian thistle | St. Johnswort |
| Shattercane | Shepherd’s-purse |
| Smooth bromegrass | Smooth crabgrass |
| Smooth groundcherry | Smooth pigweed |
| Tall morningglory | Teasel |
| Velvetleaf | Venice mallow |
| Volunteer corn | Wild buckwheat |
| Wild carrot | Wild parsnip |
| Wild-proso millet | Wild sunflower |
| Wirestem muhley | Witchgrass |
| Woolly cupgrass | Yarrow |
| Yellow foxtail | Yellow nutsedge |
| Yellow rocket |  |

**Peer Portfolio Evaluation**

Your Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name of student you evaluated:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Each weed needed the following information….

The Portfolio: This part of the portfolio is worth 48 points, 12 plants at 4 points apiece. Each of the following categories will be worth one point.

1. Common Name and Scientific Name
2. List three identifying characteristics of this weed in the wild
3. Annual, Biennial, or Perennial
4. Preserved Sample (Must be dried and preserved ideally to get a point)

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Common Plant Name |  |  |  |  |  |  |  |  |
| Score out of 5 |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 9 | 10 | 11 | 12 |
| Common Plant Name |  |  |  |  |
| Score out of 5 |  |  |  |  |

**Neatness and Organization:** Also, your PIP must include a cover page and a quality table of contents. The table of contents should be only one sheet and should list each weed specimen in the order it appears and its page number. The cover page, table of contents, and overall neatness are worth **10** points.

|  |  |
| --- | --- |
| Total Score out of 10 |  |

**The Reflection:** At the completion of the project you will be expected to assemble a minimum half page (typed with accurate methods) *reflection* on the PIP project. For **10** points you must address the following topics:

1. What did you do well?
2. How could you have been more effective?
3. What is the main bit of information that you learned from this experience?

|  |  |
| --- | --- |
| Total Score out of 10 |  |

**Work Ethic:** How well you work on this project will be your work ethic score out of 5 points.

|  |  |
| --- | --- |
| Total Score out of 5 |  |

Out of 73 Points this person should earn\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

*Additional Comments:*