**Rubric for Plant Collection and Identification**

**\* points totals are per specimen (e.g. 10 specimens at 10 points each equals 100 points total)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| # | Collection Project | Well Done | Effort Applied | Needs Work | Poor quality |
| 1. | Plant Collection Quality  | 3 points | 2 points | 1 point | 0 points |
|  | Appropriate permits for collection | All items at left arewell represented  | 7-8 of the items at left arewell represented  | 6-7 of the items at left arerepresented  | <5 of the items at left arerepresented  |
|  | Fruits/flowers present |
|  | Vegetative material present and reflects variation in field |
|  | Below ground rooting material present (if appropriate) |
|  | Soil removed from specimen |
|  | Single species collected/pressed |
|  | Pressed to fit herbarium sheet (including space for label, accession etc.) |
|  | Care taken to display key features (flowers and leaves from all sides) |
|  | Label included with specimen |
|  |  |  |  |  |  |
| 2. | Detailed Notes on Plant Identification (See example; turned in via Word Doc) | 3 points | 2 points | 1 point | 0 points |
|  | All methods used for identification are clearly identified (minimum of 3) | 12-13 items at left clearly, accurately and thoroughly detailed  | 9-11 items at left clearly, accurately and thoroughly detailed | 6-9 items at left clearly, accurately and thoroughly detailed | <6 items at left clearly, accurately and thoroughly detailed |
|  | Herbarium specimen used for verification |
|  | Correct family  |
|  | Key characters for family identification noted |
|  | Correct genus |
|  | Key characters for genus identification noted |
|  | Correct specific epithet |
|  | Key characters for species identification noted |
|  | Subspecies, variety or form noted (if applicable) |
|  | Correct authority |
|  | Any close relatives that could be part of a misidentification discussed along with distinguishing characteristics. |
|  | Name reflects taxonomy adopted by the course (check with instructor). |
|  | Common name present |
|  |  |  |  |  |  |
| 3. | iNaturalist Entry and Labels (*italics indicate field name in iNaturalist*) | 3-4 points | 2 points | 1 point | 0 points |
|  | Species name (*What did you see?)* | 11-12 items at left clearly, accurately, and thoroughly noted  | 9-10 items at left clearly, accurately, and thoroughly noted  | 7-9 items at left clearly, accurately and thoroughly noted  | <7 items at left clearly, accurately and thoroughly noted |
|  | Collection date (*When did you see it?)* |
|  | Location (*Where were you?)* |
|  | Exact co-ordinates of field site (Latitude/Longitude; sync. with photos and autofill) |
|  | Description of plant in the field (*Description*) |
|  | *Collector* (*Associated Collector* if applicable) |
|  | Collection number (*Collector Field Number*) |
|  | *Locality Description* |
|  | Detailed description of actual field site (*Habitat*)  |
|  | *Associated species* |
|  | 3 informative images of plan *in situ*; associated with iNaturalist entry |
|  | Tagged with herbarium code |
|  |  |  |  |  |  |

Grades from the preceding rubric table will be weighted as indicated in course syllabus