

# Rangeland Plant Investigation

Your Name:

**Find a Plant.** Take a hike outside your house or classroom. Find a plant that looks interesting. Avoid ornamental plants and try to find a plant growing along a stream or on an upland site. Collect a specimen or take a note the root, leaf, and stem structure (*See questions below*).

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**Take Are Draw Two Photographs/Images:** 1) A close-up of leaves or flowers/fruit, 2) a whole-plant pasture. Insert pictures or drawings below.

Close-up Image ↓↓

Whole Plant Image ↓↓

**What is the Plant?** Use a book, and app, the internet, or another person to help you.

1. **Common Name of Plant:**

## Morphological Features

2. **Plant Types:** Grass, Grasslike, Forb, or Woody Plant?
3. **Leaf Arrangement:** Basal, Alternate, Opposite, Whorled, or Fascicled?
4. **Leaf Shapes:** Linear, Elliptic, Lanceolate, Oblanceolate, Ovate, Obovate, Palmate, Wedge-shaped (or cuneate), Arrow-shaped (or sagittate) or other shape?
5. **Leaf Margins:** Lobed-pinnate, Lobed-palmate, Entire, Serrate, Scalloped, Toothed, or Divided/Incised?
6. **Inflorescence Type:** Panicle, Spike, Raceme, or other type?
7. **Floral characteristics:** Describe type of flower and distinctive feature?