Wildlife Sanctuary Field Trip (25 Points)

Title Page (2 points)
- Title
- Photo of wildlife sanctuary
- Name and date

Introduction - Complete sentences, paragraph format (4 points)
- Explain what an ecological island is and why the sanctuary can be considered an ecological island.
- Discuss the value of the wildlife sanctuary to Mt. SAC students and to the community.

Photographs - You need a photograph of the following plants with an "arrow" pointing to the plant with a label. You need the following information for each photograph
- Common name, Scientific name: Coastal sage (Artemisia californica) (4 points)
  - Photo
  - What endangered plant community is this plant associated with?
  - Name an endangered species that is dependent on the plant community
  - Is this an annual or a perennial? Explain.
- Common name, Scientific name: Coast live oak (Quercus agrifolia) (3 points)
  - Photo
  - Plant community
  - Characteristic animal
- Common name, Scientific name: Fremont cottonwood (Populus fremontii) (3 points)
  - Photo
  - Plant community
  - Characteristic animal
- Common name, Scientific name: Black mustard (Brassica nigra) (2 points)
  - Is this a native or is it introduced?
  - Is it an annual or a perennial? Explain.
- Common name, Scientific name: Wild oats (Avena fatua) (2 points)
  - Is this a native or is it introduced?
  - What is meant by the term "annual grass". How do annual grasses differ from perennial grasses?
- Common name, Scientific name: Brittle bush (Encelia farinosa) (3 points)
  - Where is this plant typically found in California?
  - What are its drought adaptations?
  - Plant community

- Two birds that you observed in the wildlife sanctuary - you may get these photos from the internet. Make sure you give the photographer credit for the photo. (2 points)
  - Common name of the bird
  - Distinguishing characteristics that allow you to identify the bird.

I assume at this point in your college career that you work will be typed, neat, and well organized. If it is not you will lose points related to the degree of disorder.
Common name: Creostote bush  
Scientific name: *Larryea tridentata*  
Plant community: Creosote bush scrub  
Perennial: Creosote bush lives more than one year

Common name: Apricot mallow  
Scientific name: *Sphaeralcea ambigua*  
Plant community: Creosote bush scrub  
Perennial herb: It can live more than one year