Oakland Museum Assignment

First, use the chart to make sure you see all the areas:

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Animals** | **Plants** | **Other** |
| **Oakland** |  |  |  |
| **Sutter Buttes** |  |  |  |
| **Shasta** |  |  |  |
| **Yosemite** |  |  |  |
| **Tehachapis** |  |  |  |
| **Coachella Valley** |  |  |  |
| **Cordell Bank** |  |  |  |

**Plant Survey**

1. Choose 2 different areas and for each area answer the following questions.
   1. Name the areas:
2. Which plant species are most abundant in numbers?
   1. In biomass?
3. Which general categories of plant types (shrubs, trees, etc.) are apparent?
4. Do you see tiers of plants? Are some shadowing others?
5. Would you describe this community as diverse?
6. What types of human impact can you see/are described?
7. Now compare the two different areas – which is more diverse?

**Animal Survey**

1. Choose 2 different displays that include animals.
   1. Name the areas:
2. What evidence do you see of resident vertebrates?
3. What evidence do you see of resident invertebrates?
4. What evidence do you see of plant- animal interactions?
5. What evidence do you see of predator-prey interactions?
6. What adaptation do the plants have to discourage herbivores?
7. Did you see animals that weren’t obviously a part of the exhibit?
   1. If so, where were they and what were they doing

**Activity Exhibit**

1. Choose one of the two exhibits Road Kill or Egg Display
2. What section did you find the display in?
3. Describe what you saw in the display?
4. What new thing(s) did you learn?
5. What questions were posed in the display and how did that help you learn the material?
6. Did you like the display?