Oregon Seagrass: Student Worksheet

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_

Table 1. Quadrat Photo Data

Percent coverage of seagrass, epiphytes and macroalgae.

From Bay: \_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |
| --- | --- | --- | --- |
| Quadrat # | % Seagrass Cover | % Epiphytes Cover | % Macroalgae Cover |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Mean |  |  |  |

Table 2. Class Data

Percent coverage of seagrass, epiphytes and macroalgae.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Location | Quadrat # | % Seagrass Cover | % Epiphytes Cover | % Macroalgae Cover |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Mean |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Mean |  |  |  |  |

Graph 1. Bar Plot of Mean Seagrass Coverage

Create one bar for each bay with the mean percent seagrass coverage. Use error bars to show the distribution in each bay.

100%

Mean % Seagrass Coverage

50%

0%

Netarts

Coos

Yaquina

Graph 2. Scatter Plot

Create a scatter plot to look for a relationship between two data points you measured: percent seagrass cover, percent epiphyte cover, and/or percent macroalgae cover. You can also plot location vs. a variable.

