

Key

BIOME IDENTIFICATION

Purpose: To identify living and non-living aspects of a biome

step 1

go to lab station 1 or 2 (whichever is open) first and use the graphs to identify the type of biome that you graphed in your climatograms on the opposite side

FIRST- CLIMATOGRAM BIOME ID

climatogram A biome _____

climatogram B biome _____

Climateogram C biome _____

climatogram D biome _____

SECOND move to any other lab stations in any order in which they are open look at the pictures and from the visual clues answer a few question about that picture

Lab station 3

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 4

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 5

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 6

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 7

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 8

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

Lab station 9

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

any clues about temperature? If so what? _____

Lab station 10

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

beside one that may be visible what other animal might be found in this location _____

Lab station 11

likely amount of yearly precipitation of this location (low, medium high) _____

what aspect of the picture allowed you to conclude that _____

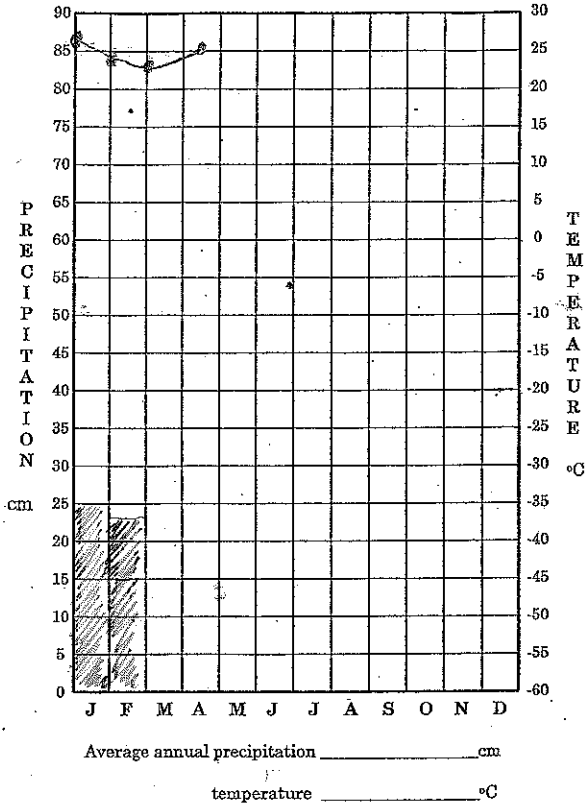
beside one that may be visible what other animal might be found in this location _____

lab 12 what type of biome does this organism come from _____

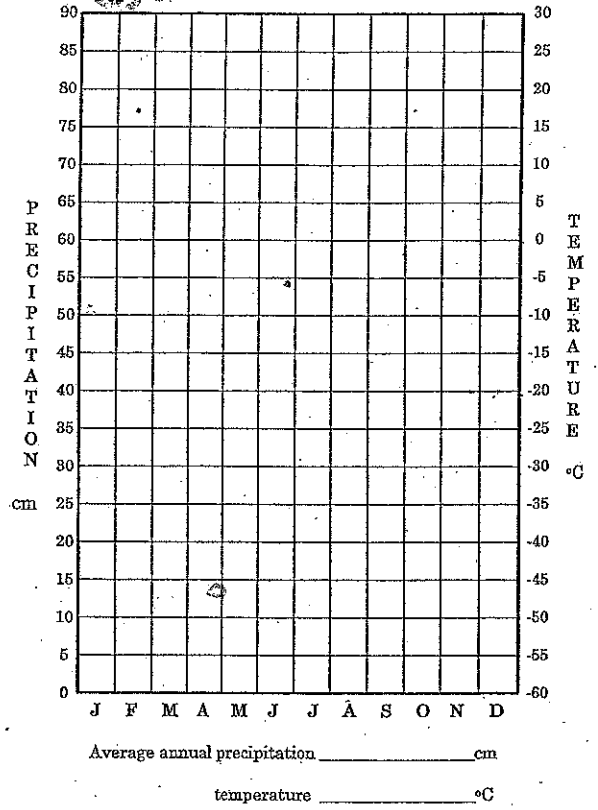
A

Location: _____

Sample B

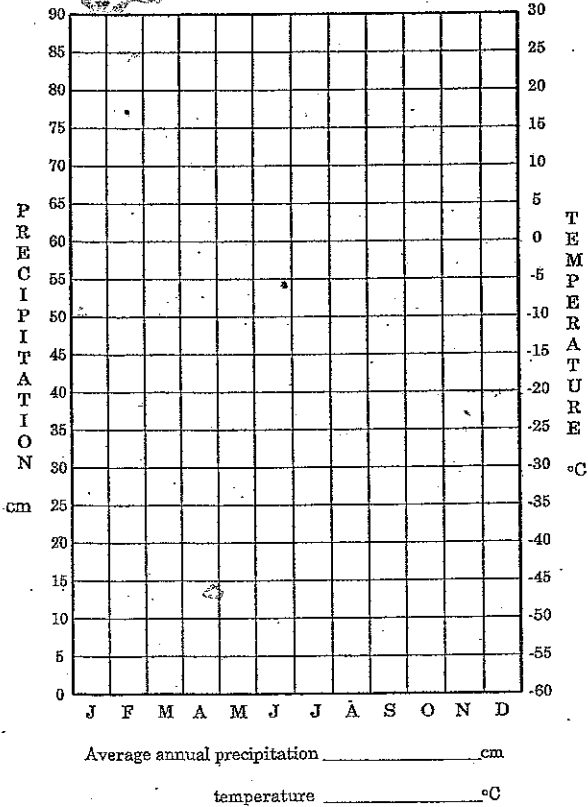


Location: _____



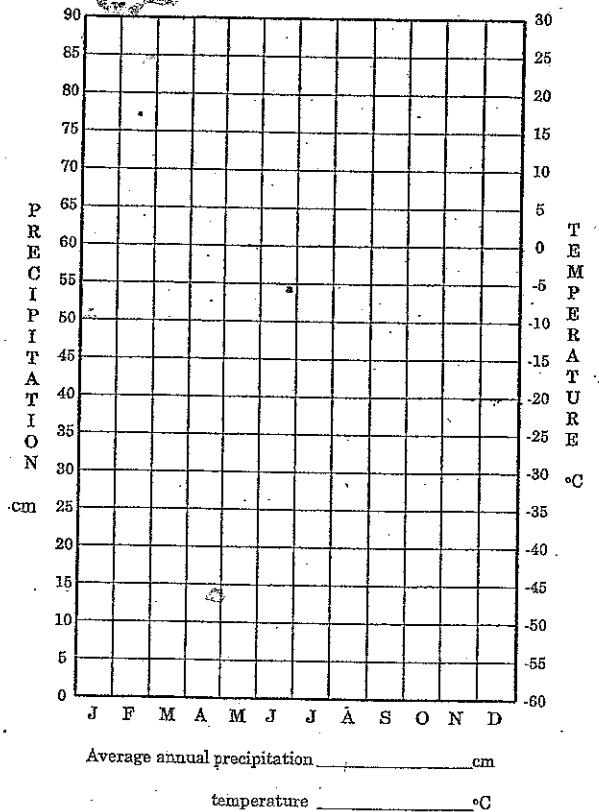
C

Location: _____



D

Location: _____



Sample

Climate Graph's and World Biomes

Temperature and Precipitation Data for Different Biomes

(T = temperature in degrees Celcius, P = precipitation in centimeters)

| | J | F | M | A | M | J | J | A | S | O | N | D |
|--|---|---|---|---|---|---|---|---|---|---|---|---|
|--|---|---|---|---|---|---|---|---|---|---|---|---|

Table 1

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 27.2 | 27.2 | 27.2 | 26.7 | 25.6 | 23.9 | 24.4 | 25.6 | 27.8 | 27.8 | 27.8 | 27.2 |
| P | 24.9 | 21.1 | 21.1 | 10.2 | 5.3 | 0.8 | 0.5 | 2.8 | 5.1 | 11.4 | 15.0 | 20.6 |

Table 2

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 11.7 | 11.7 | 12.8 | 14.4 | 15.6 | 17.2 | 18.9 | 18.3 | 18.3 | 16.7 | 14.4 | 12.8 |
| P | 8.9 | 7.6 | 7.4 | 1.3 | 1.3 | 0.0 | 0.0 | 0.0 | 0.3 | 1.5 | 3.6 | 5.8 |

Table 3

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 23.2 | 23.2 | 22.2 | 21.2 | 19.8 | 18.4 | 17.9 | 18.4 | 19.8 | 21.4 | 22.0 | 22.4 |
| P | 3.6 | 6.1 | 9.2 | 40.1 | 30.2 | 5.1 | 5.1 | 2.5 | 2.0 | 3.0 | 8.1 | 6.4 |

Table 4

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 24.6 | 25.1 | 26.4 | 28.5 | 30.6 | 31.9 | 31.1 | 30.3 | 31.1 | 28.8 | 26.5 | 25.1 |
| P | 0.8 | 0.5 | 1.3 | 0.5 | 0.3 | 0.3 | 0.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |

Table 5

| | | | | | | | | | | | | |
|---|-----|-----|-----|------|------|------|------|------|------|------|-----|-----|
| T | 1.1 | 1.7 | 6.1 | 12.2 | 17.8 | 22.2 | 25.0 | 23.3 | 20.0 | 13.9 | 7.8 | 2.2 |
| P | 8.1 | 7.6 | 8.9 | 8.4 | 9.2 | 9.9 | 11.2 | 10.2 | 7.9 | 7.9 | 6.4 | 7.9 |

Table 6

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 10.6 | 11.1 | 12.2 | 14.4 | 15.6 | 19.4 | 21.1 | 21.7 | 20.0 | 16.7 | 13.9 | 11.1 |
| P | 9.1 | 8.9 | 8.6 | 6.6 | 5.1 | 2.0 | 0.5 | 0.5 | 3.6 | 8.4 | 10.9 | 10.4 |

Table 7

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 25.6 | 25.6 | 24.4 | 25.0 | 24.4 | 23.3 | 23.3 | 24.4 | 24.4 | 25.0 | 25.6 | 25.6 |
| P | 25.8 | 24.9 | 31.0 | 16.5 | 25.4 | 18.8 | 16.8 | 11.7 | 22.1 | 18.3 | 21.3 | 29.2 |

Table 8

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 12.8 | 15.0 | 18.3 | 21.1 | 25.0 | 29.4 | 32.8 | 32.2 | 28.9 | 22.2 | 16.1 | 13.3 |
| P | 1.0 | 1.3 | 1.0 | 0.3 | 0.0 | 0.0 | 0.3 | 1.3 | 0.5 | 0.5 | 0.8 | 1.0 |

Table 9

| | | | | | | | | | | | | |
|---|------|------|-----|-----|------|------|------|------|------|------|-----|------|
| T | -3.9 | -2.2 | 1.7 | 8.9 | 15.0 | 20.0 | 22.8 | 21.7 | 16.7 | 11.1 | 5.0 | -0.6 |
| P | 2.3 | 1.8 | 2.8 | 2.8 | 3.2 | 5.8 | 5.3 | 3.0 | 3.6 | 2.8 | 4.1 | 3.3 |

Table 10

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 19.4 | 18.9 | 18.3 | 16.1 | 15.0 | 13.3 | 12.8 | 13.3 | 14.4 | 15.0 | 16.7 | 17.8 |
| P | 0.0 | 0.0 | 1.5 | 0.5 | 8.9 | 14.7 | 12.2 | 8.1 | 2.0 | 1.0 | 0.3 | 0.8 |

Table 11

| | | | | | | | | | | | | |
|---|-------|-------|-------|-------|------|-----|-----|-----|-----|------|-------|-------|
| T | -22.2 | -22.8 | -21.1 | -14.4 | -3.9 | 1.7 | 5.0 | 5.0 | 1.1 | -3.9 | -10.0 | -17.2 |
| P | 1.0 | 1.3 | 1.8 | 1.5 | 1.5 | 1.3 | 2.3 | 2.8 | 2.8 | 2.8 | 2.8 | 1.3 |

Table 12

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 11.7 | 12.8 | 17.2 | 20.6 | 23.9 | 27.2 | 28.3 | 28.3 | 26.1 | 21.1 | 16.1 | 12.2 |
| P | 3.6 | 4.1 | 4.6 | 6.9 | 8.1 | 6.9 | 6.4 | 6.6 | 8.9 | 5.1 | 5.6 | 4.6 |

Table 13

| | | | | | | | | | | | | |
|---|------|------|------|------|------|-----|-----|-----|------|------|------|------|
| T | 23.3 | 22.2 | 19.4 | 15.6 | 11.7 | 8.3 | 8.3 | 9.4 | 12.2 | 15.1 | 18.9 | 21.7 |
| P | 5.1 | 5.6 | 6.6 | 5.6 | 2.8 | 0.9 | 2.5 | 4.1 | 5.8 | 5.8 | 5.1 | 5.3 |

Table 14

| | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| T | 17.2 | 18.9 | 21.1 | 22.8 | 23.3 | 22.2 | 21.1 | 21.1 | 20.6 | 19.4 | 18.9 | 17.2 |
| P | 0.3 | 0.5 | 1.5 | 3.6 | 8.6 | 9.2 | 9.4 | 11.4 | 10.9 | 5.3 | 0.8 | 0.3 |

Table 15

| | | | | | | | | | | | | |
|---|-------|-------|-------|------|-----|------|------|------|------|-----|------|-------|
| T | -20.0 | -18.9 | -12.2 | -2.2 | 5.6 | 12.2 | 16.1 | 15.0 | 10.6 | 3.9 | -5.6 | -15.0 |
| P | 3.3 | 2.3 | 2.8 | 2.5 | 4.6 | 5.6 | 6.1 | 8.4 | 7.4 | 4.6 | 2.8 | 2.8 |

Table 16

| | | | | | | | | | | | | |
|---|------|-----|-----|------|------|------|------|------|------|------|-----|-----|
| T | -0.6 | 2.2 | 5.0 | 10.0 | 13.3 | 18.3 | 23.3 | 22.2 | 16.1 | 10.6 | 4.4 | 0.0 |
| P | 1.5 | 1.3 | 1.3 | 1.0 | 1.5 | 0.8 | 0.3 | 0.5 | 0.8 | 1.0 | 0.8 | 1.5 |

A
B
C
D