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

Pineapple discussion:

Use p. 37, figure 2.6 – textbook; fill in the blanks.

Organism, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_and Biosphere.

Tropical rainforests are found around the earth’s equator. Generally, the earth is hottest at the equator. Usually, there is a great amount of rain along the equator. Let’s compare: (p. 66 textbook, figure 3.6 at the top)

|  |  |
| --- | --- |
| ***Atlanta, GA*** | ***Manaus, Brazil*** |
| *Temperate forest* biome | *Tropical rainforest* biome |
| Range in temperature (Celsius) -  | Range in temperature (Celsius) - |
| Range in rainfall (cm) - | Range in rainfall (cm) - |
|  |  |

**Pineapple** – *common name*

Binomial Nomenclature name – Ananus comorus (meaning excellent fruit; and tufted in the ***Tupi*** language of S. America). The first name in the binomial nomenclature system is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (which is capitalized, and the second name is the \_\_\_\_\_\_\_\_\_\_\_\_\_ name (which is lower-case).

It’s classification in full from broadest to narrowest:

Domain - (do the cells have nuclei?), then it is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Kingdom - (is it multicellular?, does it make its own food?): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phylum: (does in make fruit – gymno- or angiosperm?, can you strip its leaves?) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_Commelivids\_\_\_\_\_\_\_\_\_\_\_\_

Order: \_\_Poales\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Family: \_\_\_Bromelids\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Genus: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

species – (remember, ***species******is written in lower case***): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Is has an herbaceous stem? – this means that the stem never becomes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (like a tree).

It is a *perennial* plant as opposed to an *annual* plant? Annual means the plant lasts one year and survives only through its seeds. Perennial means that the plant lasts \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than one year, and it produces seeds.

Pineapple is an excellent source of vitamin C. Vitamin C helps a wound to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and helps make excellent red blood cells known as \_\_\_\_\_\_\_\_\_\_\_-cytes. If you do not have enough vitamin C, then you develop a disease known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Scurvy is not a good thing, and it can lead to death! ***Let’s sample a piece of pineapple!!!!***