

Introduction to Botany

- _____ – The study of _____

Organization Levels

Characteristics of Life

- _____
 - _____ are the basic _____ of _____
 - Come from _____
 - Fundamental unit of _____, _____, _____ in all living things
- _____ Compounds
 - _____ is built on _____ compounds:
 - _____
 - _____
 - _____
- _____ Material
 - Nucleic Acids (_____)
- _____
 - Form and Function
 - _____
- _____
 - Addition of new _____
- _____
 - Inherited _____ for new _____
- _____
 - Capable of _____ or _____ of structure

- _____
 - _____ – irritability – _____
- _____
 - Ability to _____ according to your _____ and _____
 - Promote survival
- _____
 - Conversion of _____ and _____ into useable forms such as:
 - _____
 - _____
 - Digestion
 - Nutrition
 - _____
 - Assimilation
- _____ – You have to be _____ in order to _____!!!
- _____ -- How _____ interact with their _____
- _____ – land
- _____
 - _____ water
 - _____ water (salt water, oceans)
- _____ – Long term _____ and _____ conditions
- Radiation – _____ & _____
 - _____ radiation: _____, quality, duration, _____
 - _____ light – useable
 - _____ – harmful
 - _____ – heat
 - nuclear

Biological Factors Affecting Life

- _____
 - _____ – competition among _____ species
 - _____ – competition within _____ species

- _____ – living together
 - _____ – Both benefit
 - _____ – One _____, while the other is _____
 - _____ – Living _____, one receives _____ from the host; _____, but does not cause death
- _____ – Change is _____, promotes _____ by _____
 - _____ – Starts _____ substrate site (_____ plants)
 - _____ – After an _____ or _____ site, but not necessarily _____; logging, partial burn
 - _____ – Most _____, longer lasting, reaches _____, _____

Terminology

- _____ – Green plants that use _____ to make their own food
- _____ – Non-_____ organism; rely on other _____
- _____ – Absence of enclosed _____ (bacteria, algae)
- _____ – More complex, distinct _____ in an enclosed _____
- _____ – _____ plant
- _____ – _____ plant; _____ adaptations
- _____ – _____ plant, ample _____, terrestrial. These are _____.
- _____ – _____ plant; uses other plants as _____

Law of

- _____ cannot be _____ or _____, only _____ from one state to another.
- After each _____, there is a _____ of available energy

Cycles

- _____
- _____
- _____/Respiration
- _____ – decomposition