

TD 6: Ecological Glossary

EXERCISE 1

Match each term with its corresponding definition

1- Abiotic	a- Change in organisms over many generations through inheritance of modified genes, resulting in improved survival and reproduction.
2- Adaptation	b- Pertaining to life or living organisms
3- Antagonism	c- A community of organisms and their physical environment interacting as a unit
4- Biodiversity	d- The number of different species within a given geographical region.
5- Biotic	e- An organism that feeds on another organism or on existing organic matter, consumers include herbivores, omnivores, carnivores, and parasites
6- Consumer	f- Non-living
7- Ecosystem	g- All of the plants found in a given area
8- Emigration	h- The study of the interrelationships between living organisms and their environment.
9- Predation:	i- All of the animals found in a given area.
10- Ecology:	j- The capture, killing, and consumption of one animal (the prey) by another animal (the predator).
11-Fauna	k-The movement of an individual or group out of an area or population
12- Flora	L- The inhibiting action of one substance or organism on another.
13- native plant	M- Any organism that is intimately associated with, and metabolically dependent upon, another living organism (the host) for completion of its life cycle, and which is detrimental to the host to some greater or lesser degree.
14-Parasite	N- a plant species that occurs naturally in a particular region, ecosystem, or habitat without direct or indirect human intervention.

EXERCISE 2

Based on the provided definition, determine the appropriate term.

- 1-An organism capable of producing its own food without having to eat other organisms
- 2-Quantitative measure of the total mass of organisms comprising all or part of a population or any other specified unit such as an individual, plot of ground, set of plants, etc. Measured as volume, mass, or weight of dead, dry, or live organisms.
- 3-Organism that eats the flesh of another animal, including insects.
- 4-Structure within the internal cells of leaves containing chlorophyll. Photosynthesis occurs in chloroplasts.
- 5- The chemical process used by plants to convert carbon dioxide and water into organic materials using light energy. Oxygen is released as a byproduct.
- 6- Photosynthetic organisms drifting on the surface layer of a sea or lake
- 7-All individuals of one species inhabiting a given geographic area, and usually isolated to some degree from other groups of the same species.
- 8- The number of things within a given area or volume
- 9- Organism that feeds on plants.
- 10- The consumption of plant material by an animal
- 11- Organism that feeds on a mixed diet of plant and animal material.**