

MATCHING EXERCISE – ECOLOGY TERMS

Match each of the following terms with its definition below:
ECOLOGY, ENVIRONMENT, HABITAT, COMMUNITY,
POPULATION, NICHE, CHLOROPHYLL, PHOTOSYNTHESIS,
RESPIRATION, PRODUCER, CONSUMER, CARNIVORE,
HERBIVORE, OMNIVORE, SCAVENGER, DETRITUS,
DETRITIVORE, DECOMPOSER, FOOD CHAIN, FOOD WEB

1. The study of the interrelationships of living organisms and their environment
2. A group of organisms living together in a given area at a particular time
3. Dead animals and plants, and wastes (e.g. faeces)
4. The number of a given species in a given area at a particular time
5. An organism that feeds on plant matter
6. The role or position a species occupies in a community. This includes where it lives, on what it feeds, what its predators are, and what factors limit the growth of the population.
7. The area in which a particular organism lives, e.g. a rainforest
8. A complex diagram using two or more food chains
9. A green plant that produces its own food by the process of photosynthesis
10. An organism that obtains its nutrients from detritus
11. An animal that feeds on dead or dying organisms, e.g. ant, crab, worm
12. A list of organisms linked by arrows, which shows the feeding patterns of organisms in an area. The list almost always begins with a producer.
13. All the living and non-living conditions that act on an organism and affect its chance of survival
14. A meat-eater
15. An organism that eats both plant and animal matter
16. An organism that breaks down dead organisms or wastes into simpler substances which can be used by producers, e.g. bacteria, mould
17. An organism that does not photosynthesise but obtains its food by eating or consuming part or all of another organism
18. The process by which animal and plant cells utilise oxygen, produce carbon dioxide and conserve the energy in the form of sugar molecules

19. The process by which green plants use carbon dioxide, water and sunlight to make sugars
20. Green pigment in plants