

Levels of Organization in Ecology

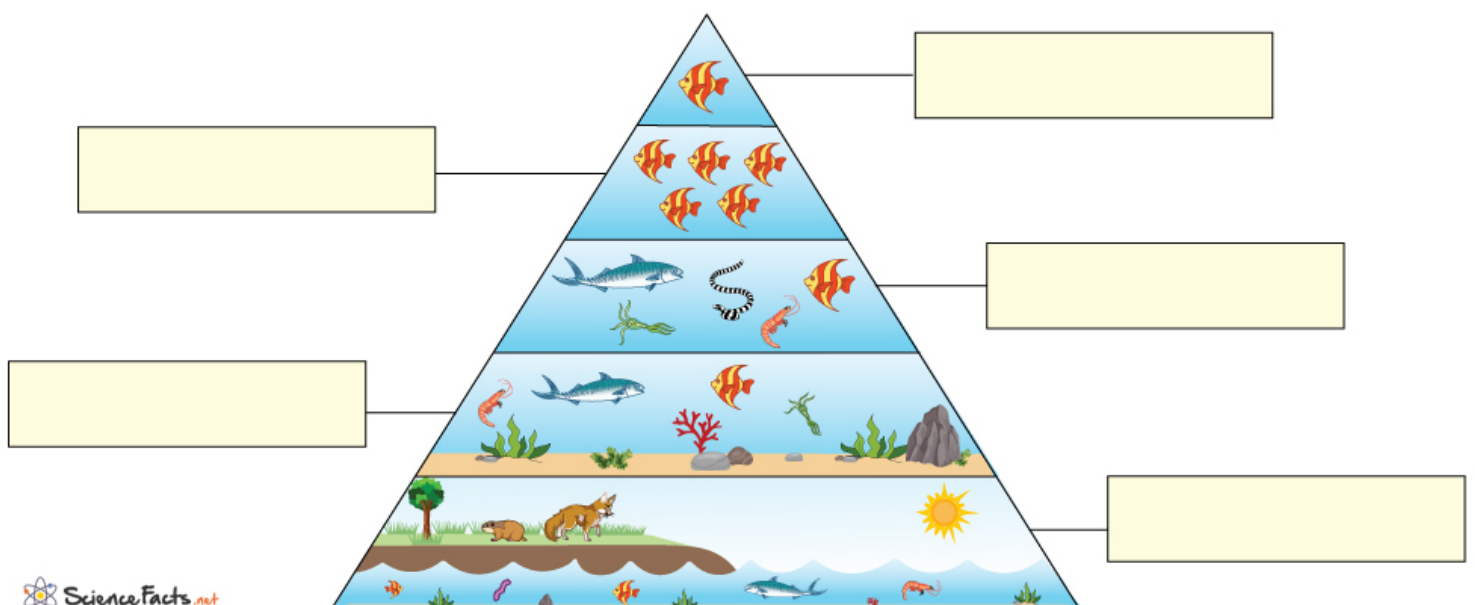
 Fill in the blanks with appropriate words.

_____ is the study of organisms and their interaction with the surrounding environment. An _____ studies the relationship between living organisms and their habitats.

There are _____ levels of organization in an ecosystem. They are _____, _____, _____, and _____.

- A _____ is a group of similar individuals, usually of a given species occupying a particular habitat at a particular time.
- An _____ is a single organism, plant, animal, or microorganism, such as bacteria and fungi, capable of independent existence.
- An _____ is a functional unit of nature consisting of more than a community of living organisms and their abiotic factors.
- A _____ includes populations of different species living together and sharing the same habitat in a given area.
- A _____ is the total of all the ecosystems on the planet Earth.

 Identify and name the different ecological levels.



Levels of Organization in Ecology

Ecology is the study of organisms and their interaction with the surrounding environment. An ecologist studies the relationship between living organisms and their habitats.

There are five levels of organization in an ecosystem. They are individual , population , community , ecosystem , and biosphere .

- A population is a group of similar individuals, usually of a given species occupying a particular habitat at a particular time.
- An individual is a single organism, plant, animal, or microorganism, such as bacteria and fungi, capable of independent existence.
- An ecosystem is a functional unit of nature consisting of more than a community of living organisms and their abiotic factors.
- A community includes populations of different species living together and sharing the same habitat in a given area.
- A biosphere is the total of all the ecosystems on the planet Earth.

