

# FLORA AND FAUNA



**Fauna** is all about the **animal** life of any particular region or time.

**Zoologists** and **paleontologists** use *fauna* to refer to a typical collection of animals found in a specific time or place, e.g. the "**Sonoran Desert** fauna" or the "**Burgess Shale** fauna".



## Subdivisions of fauna

**Cryofauna** : Cryofauna are animals that live in, or very close to, ice.

**Cryptofauna** : Cryptofauna are animals that are rarely seen and may be extinct or mythological.

**Infauna** : Infauna are benthic organisms that live within the bottom substratum of a body of water, especially within the bottom-most oceanic sediments, rather than on its surface.

**Epifauna** : Epifauna, also called epibenthos, are aquatic animals that live on the bottom substratum

**Macrofauna** : Macrofauna are benthic or soil organisms which are retained on a 0.5mm sieve.

**Megafauna** : Megafauna are large animals of any particular region or time. For example, Australian Megafauna.

**Meiofauna** : Meiofauna are small benthic invertebrates that live in both marine and fresh water environments.

**Mesofauna** : Mesofauna are macroscopic soil invertebrates such as arthropods or nematodes.

**Microfauna** : Microfauna are microscopic or very small animals (usually including protozoans and very small animals such as rotifers).

**Other** : Other terms include avifauna, which means "bird fauna" and piscifauna (or ichthyofauna), which means "fish fauna".

**Flora** is the **plant** life occurring in a particular region or time, generally the naturally occurring or **indigenous—native plant** life.



## Flora classifications

Plants are grouped into floras based on region, period, special environment, or climate.

**Native flora.** The native and indigenous flora of an area.

**Agricultural and horticultural flora (garden flora).** The plants that are deliberately grown by humans.

**Weed flora.** It includes three different types of plants: weedy species, invasive species (that may or may not be weedy), and native and introduced non-weedy species that are agriculturally undesirable. Many native plants previously considered weeds have been shown to be beneficial or even necessary to various ecosystems.

## Importance

- ❖ The flora of the earth produce the oxygen that is breathed by the fauna.
- ❖ The fauna exhale the carbon dioxide that the flora need to live.
- ❖ One cannot live without the other, and humans cannot live without either.
- ❖ Humans cannot breathe unless both flora and fauna survive and thrive on the earth.
- ❖ The very air we breathe and the food we eat, the medicines that cure us, and the water that keeps us alive would not exist were it not for flora and fauna.

## Quiz

**Which of the following animals climb trees, eats baby birds, and falls on your head?**

- a) Bird-eating monkeys
- b) The island sloth
- c) The tree-climbing octopus
- d) The carnivorous coconut

**Which plant is so strong woven strips can repair a cannon?**

- a) Paper vine
- b) The rubber plant
- c) Coconut fibers
- d) The titanium tree

**Which annoying bird shows up at the least convenient times and swears at people?**

- a) the parrot
- b) The grandfather bird
- c) Larry Bird
- d) Big Bird on a bad day

**Which annoying birds throw up all over the place and are rumored to be spies for the Grandfathers, reporting to them when kids are bad? And also pecking their eyes out?**

- a) Parrots
- b) Grandfather birds
- c) Pigeons
- d) Eagles

**Which two colors are the flowers that grow in the Woman's Place?**

- a) Pink and purple
- b) Yellow and blue
- c) Aqua and tan
- d) Chartreuse and puce



Reviewed By	Reviewed On	Comments / Changes Made
Ankita	08.09.2015	Relocated the Home assignment to the last slide
Ruchika	26.02.2016	slide 2-added all about the in the 1st line,slide 8-q1 corrected climb from climbs,q 2, 3 and 5 changed from what to which