

# BALANCE IN NATURE (CONT.)

**WITH THE NAME OF ALLAH, MOST GRACIOUS, MOST MERCIFUL.**

## **The carbon dioxide balance**

Carbon dioxide (CO<sub>2</sub>) constitutes only 0.03% of the air. Yet it is extremely important for all life!

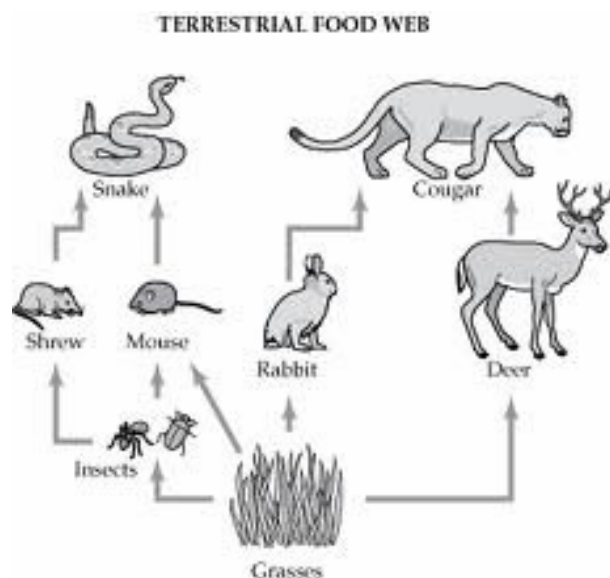
The distribution of carbon dioxide is as follows:

- 1) Atmosphere --- 700 parts
- 2) Vegetation --- 750 parts
- 3) Humus (soil) --- 2000 parts
- 4) Oceans --- 2000 parts

**By means of various forms of CO<sub>2</sub> circulation systems our Rabb maintains a unique balance --- examples are :-**

- 1) From soil to atmosphere.
- 2) Plants are eaten by animals and humans and CO<sub>2</sub> is given off by perspiration.
- 3) Photosynthesis.

## **The food chain**



Our Rabb maintains balance even in carnivorous plants and animals. A classic example of this is that the remains of dead insects in the pitcher plant are used by mosquitoes for breeding their eggs.

**The following may be noted from the examples cited:**

- A) The mineral kingdom supports the vegetable kingdom in order that nourishment may be provided for the animal kingdom.
- B) Excess is eliminated.
- C) The waste of one is made the food of another and vice versa.
- D) There are chains of gradation and inter-dependence.
- E) There are many creatures that we are not even aware of, which Allah (S.W.T.) provides for.

**Worksheet**

- 1) Since there is a marvellous design and balance in life, is it possible that life is the product of an accident or chance? Offer reasons for your answer.

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- 2) Offer an example of food that we consume of which some parts are a waste to us but food for another creature.

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- 3) What is photosynthesis?

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- 4) What is meant by 'mineral kingdom'?

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