

The forest and the life of the Earth

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Adrian BAVARU¹, Rodica BERCU²

¹"Ovidius" University of Constanta, Romania; Academy of Romanian Scientists 54

Splaiul Independentei 050094, Bucharest, abavaru@univ-ovidius.ro,

²"Ovidius" University of Constanta, Romania, rodicabercu@yahoo.com

Abstract.

In the paper are presented the main advantages offered by the forests to the nature and for us the people. In this sense it is reminded the forest intake of oxygen for the life on Earth, the absorption of large amounts of CO₂ produced by industrial installations and machines, reducing the quantities of dust, powders, various other impurities, etc. in the air. It is remembered the contribution of the forest to increase the moisture in the soil and underground water reserves too, to reduce the soil erosion, the flooding, the floods and torrents formed on slopes. It is also outlined the role of the forests in maintaining the biodiversity inside it, the food intake that gives us the people, the resources available to natural medicine and last but not least, one of the major special treasure for us – the wood. Finally, it is shown the negative effect of deforestation in the world and in our country, the either natural or manmade fires produced in the forests, for the environment and foremost for us.

Key words: forest, biodiversity, deforestation, planting, climate changes

One of the greatest riches that God has given to us is the **forest**, as a source of raw materials, of species for naturopathic medicine, source of food for humans and animals. At the same time, forests give air large quantities of oxygen and the benefits do not stop there.

1. Years ago, the scientists have calculated that a hectare of tropical forest produces daily 11.1 tons of oxygen during the process of photosynthesis which it carries out in the atmosphere, as well as the forests of the temperate zones. You may recall that a hectare of plains (savanna, prairie), produces only 1.1-1.3 tons of oxygen per day, while a hectare of marine surface produces 0.5 tons of oxygen every day.

The world's population, consume in 20 years ago, approximately 900 billion tons of oxygen per day and the fauna and flora on Earth several hundred billion tons of oxygen every day. Experts say that the Amazon forest produces only 1/5 of the oxygen emitted into the atmosphere.