

## The Importance of Plants in Human Life

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**ABSTRACT:** This article is dedicated to the topic “The importance of plants in nature and human life” which is still relevant today. Plants also play an important role in human daily life. Plants also have a significant impact on surface water flow, evaporation, soil moisture retention, air flow in the lower atmosphere, wind strength and direction, and animal life as important natural geographical factors. Plants are a major source of innumerable food, raw materials, medicines, building materials and other industries for society.

**KEYWORDS:** humanity, fauna, photosynthesis, air concentration, food source, technical raw materials.

It's hard to imagine our lives without plants. They provide oxygen to the air we breathe. The leaves absorb carbon dioxide for photosynthesis through tiny holes. As a result of photosynthesis, oxygen is released, which enters the surrounding air. Plants maintain their concentration in the air.

We use the plant itself or products derived from it for food every day.

But that's not all. Look around you and you will see things made of plants almost everywhere. Just think, what are the clothes we wear made of? What are the notebooks we write and the books we read? What material are the furniture, window frames and doors of our house made of?

Now think about the importance of plants in nature. Can animals and other living things live without plants? Of course not.

Oxygen, plants saturate the air, all living things are used for respiration. For many animals, plants serve as food and home.

The flora of our planet is very diverse. For example, green plants are often referred to as the foundation of all organic world life, a source of energy, strength, health, and aesthetic pleasure.

Indeed, it is difficult to imagine human life without plants. After all, plants basically give man everything he needs for life.

Although not all plants are equally beneficial to man, they do create favorable conditions for his existence.

The negative role of plants is the emergence of weeds in crop fields and pastures; an increase in water bodies in lakes leading to the death of summer fish; situations that have a detrimental effect on people and the national economy. However, the harmful effects of plants on humans cannot be compared to its positive role. This is often due to the misuse of plants, ignorance of the developmental patterns and relationships of plant communities, as well as the unpredictability of the possible consequences of human intervention.

The advantage of plants is that they do not absorb ready-made organic matter. They synthesize the original organic matter themselves and carry out the process of photosynthesis. As a result of this process, organic substances (glucose) are formed from inorganic substances (water and carbon dioxide) under the influence of light energy. In addition, other organic substances are synthesized from glucose. In plants, photosynthesis occurs in chloroplasts that contain the chloroplast pigment.

Once upon a time, there was a lack of oxygen in the atmosphere on Earth. This slowed down the evolutionary process because breathing in organisms at that time was mostly anoxic and the efficiency of such breathing was low. When the process of photosynthesis occurred, the atmosphere was enriched with oxygen. As a result, organisms were able to switch to the oxygen-breathing method during the next evolutionary process.

In the respiratory process, organic matter is decomposed. This decomposition is carried out under the influence of oxygen with strong oxidizing properties. At the same time, a lot of energy is released in life processes. However, in addition to energy, oxidization products - the fragmentation compounds are formed.

One of respiratory products is carbon dioxide. He needs to be removed from the body. Thus, oxygen is absorbed in the respiratory process and removes carbon dioxide into the atmosphere.

As mentioned above, plants absorb carbon dioxide for the process of photosynthesis of carbonate. This means that they not only enrich the atmosphere with oxygen, but cleans the air from excessive carbon dioxide.

If the plants would not master the carbon dioxide, it would be collected in the atmosphere. This leads to terrible consequences: the problems of respiratory problems and a greenhouse effect. Therefore, the importance of plants is the winning carbon dioxide from the atmosphere.

This does not overcome the decisive importance of plants for biosphere. Creates various plant communities (steppes, meadows, forests, tundra, savanna) and they create a living environment for animals and other organisms. For example, animals are not only eaten in plant communities, but also live here. Plants create certain conditions and microcity for them.

Plants for people are important as food and nutrition for the livestock. The remains of ancient plants in the form of coal and hijab are used as an energy source in heating and production of buildings. We can say that nature has created energy resources for people during the long development. Because of this accumulated energy, the human society has the ability to develop fast.

The plants are used to obtain paper, textile, drugs and others.

There are different plants in a human diet. In some, the relegated fruits, others have seeds, others greenery, in most ground parts (roots, roots). People process plants and receive many food products from them: flour, grain, sugar, etc.

Plants for people are of aesthetic significance. Many of them have beautiful flowers, while others are grown as houses.

In cities, large number of carbon dioxide and various forests are emitted into the air. It is related to a large number of vehicles and various industries. Therefore, plants are of great importance as defender of pollution. Different green areas in the cities release oxygen and absorbs carbon dioxide. They also catch dust and harmful substances and moisten the air and reduce the noise level.

The problem of protecting the environment, including flora and fauna, has become one of the most important environmental problems of our time, as people use nature too much, changing its natural landscape and negatively affecting communities that have emerged over the centuries. As a result, many plant and animal species are at risk of extinction. Such extinction of plant and animal species can lead to irreversible negative consequences for humans.

So we need to take care to protect our plants, multiply every leaf and green space, or more precisely plant new plants, remember to take care of them and protect them from damage.

It also plays an important role in the formation of organic matter in them. Green plants create organic matter, making them from green plants for human and animal consumption. People grow cultivated plants to get extra yields from fruits, vegetables, grains and other fruits. eat them and harvest for the winter. For farm animals, they collect grain, silage, which is necessary for the life of the animals, because they contain nutritious organic matter. Animals cannot exist without green plants because they feed on ready-made organic matter in their composition.

In large meadows you can find many useful organic substances that are used as feed for livestock. To do this, livestock grass is plowed into pastures or lawn mowing and hay harvesting are carried out. But harvesting should be done at the beginning of flowering grasses, because at this time the plants contain the wateriest nutrients. If fertilization is carried out during flowering or fruiting, then the weeds will remain rough and their nutritional quality will be significantly reduced.

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