



Origin And History Of Aloe Plant

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ABSTRACT

The origin, species and varieties of aloe plant were studied, research was conducted, the importance of aloe plant in medicine, medicine, cosmetics and landscaping, prospects and unique properties of growing aloe plant, the importance of ecological landscaping.

Keywords:

Natural medicinal plant, species of aloe plant, flavonoids, antioxidants, collagen and elastin synthesis, Aloe vera, lignin, amino acids, anthraquinones, vitamins, antioxidants and enzymes.

Introduction. Nowadays, industrial chemicals that we often use are somewhat beneficial for the body and very harmful for other parts of the body. Natural medicinal plants, when used in moderation, do not have a harmful effect on the human body and do not have a wide range of effects. In addition, natural medicinal plants are cheaper economically.

One of these healing and widely used plants among our people is the Aloe plant. There are many types of aloe and all of them are considered medicinal. It is necessary to learn how to properly use the medicinal properties of this plant, extract the substances contained in them in pure form, prepare medicinal preparations from them and use them in folk medicine and medicine. We need to grow and wisely use a plant rich in such useful content. We can breed special plantations for growing this plant.

The uniqueness of this plant lies in its diverse biological activity: from wound healing to

fighting bacteria. It is known that the plant is extremely safe and suitable even for people with sensitive skin, as well as those prone to allergies. Flavonoids of the plant are substances with antioxidant action. They prevent inflammation and heal wounds. Aloe has a rejuvenating effect and prevents the decrease in collagen and elastin synthesis caused by the negative impact of external factors.

The aloe vera plant has been known and used for centuries for its medicinal and cosmetic properties. The name Aloe vera comes from the Arabic word "Alloe", which means "shining bitter substance", and the Latin word "vera" meaning "true". 2000 BC Greek scientists A loe vera universal panacea that is calculated. Egyptians Loeni "immortal" "plant". called Today's day Lowe Vera in dermatology is used for another purpose.

A thousand years during the Lowe Vera variety for diseases medicine purposes Used: Greece, Egypt, India, Mexico, Japan and China. Egypt

Queen Nefertiti and Cleopatra from it cosmetic in treatment used Alexander Zulkarnay and Christopher Columbus from it soldier wounds on treatment used English in Lowe Vera language about first note John Goode in 1655 Dioscorides Say Materia Medica medical tract translation was In the early 1800s Lowe Vera Compound In the States laxative as used In the mid-1930s Lowe chronic and severe radiation ts yes dermatitis on treatment very successful when used turn point served

Materials and methods. Aloe is widely used as a component of medicinal and cosmetic products. Its despite many useful properties, many people him attention deserves ornamental plant as well as accepted they do That's all despite, A loe long in history have and him to apply opportunities today to that day scientists to attention with is studied.

Aloe vera in Egypt known was Pharaohs and priests this plant forever youth and they looked at it as a source of beauty. It is known that Nefertiti and Cleopatra came from it. active used According to modern researchers, chemistry was also highly developed in the ancient world. In Ancient Egypt, aloe was used for another purpose - as a remedy for evil spirits.

The Greek physician Hippocrates had a high opinion of the healing properties of Aloe. He used it to treat diseases and even tried to support the idea of conquering the Socotra archipelago in the Indian Ocean, famous for its Aloe plantations. In India and China, the healing properties of Aloe have been known and popular since ancient times. Especially after Hippocrates, the idea of conquering Socotra was put forward by Aristotle. The famous philosopher was lucky - his student Alexander the Great captured the island and brought the Greeks important healing properties of Aloe.

Research results. Aloe continued to be used in the Middle Ages in eastern countries. The plant, as well as medicines and elixirs made from it, fascinated people. It was discovered that aloe was used in a special drink - the Jerusalem elixir. People believed that with the help of this plant you can improve longevity and health. Later, this plant began to spread throughout Europe. During the Renaissance, European doctors began to actively use this plant. A great example

of the use of Aloe during this period is described in a brochure from the Salerno School of Medicine. It describes the properties of the plant, such as strengthening the digestive system, restoring hair, improving hearing, treating cancer and much more. Later, A loe did not continue to grow in popularity. This plant has a useful function in medicine as well, appeared in cosmetology too active used After the 15th century, the popularity of Aloe in Europe began to decline. The reasons for the decline are unknown. In the second half of the 19th century, scientists became interested in its beneficial properties and in 1851 began to restore its former popularity. English scientists Smith and Stenhouse studied the weak aloe vera. To study during which they for only one plant enzyme aloin and they of plant origin contained one row another useful substance certain. These include lignin, amino acids, anthraquinones, vitamins. and others are included

Plant useful to be very rich in substances despite, A loe based products are not so much effective no was Aloe divided gel during oxidation own usefulness to lose to determine for scientists relatively long time were searched. This marked the beginning of the development of a wide range of products based on Aloe.

in 1930, American scientist C reston Collins radiation ts yes burns Lowe with care possible proved This From loe use the volume expanded and remained in 1970 useful components to save the rest without, shell and Aloin separate original method for work he said This technology not only allowed to fully use the natural components of Aloe, but also provided long-term storage. It should be noted that aloin is often found in the bark, and it has now been proven to be carcinogenic, that is, it can cause cancer. Therefore, the exclusion of this component was an important success for the further use of Aloe in cosmetology. Now Aloe is actively used in cosmetology. This is especially true for brands that produce natural cosmetics. Of course, they are people potentially valid for the body to damage the transfer possible enzyme aloin take they throw Aloe contains many vitamins, antioxidants and other useful substances are Its application in cosmetology

hair and skin situation improves, ultraviolet rays from the effect of protection makes

Conclusions. Therefore, the preservation and reproduction of medicinal species today is one of the pressing problems. In conclusion, I can say that Aloe is primarily considered a decorative, medicinal and useful plant.

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2. **"Растения с целебными свойствами"** (автор: Н. В. Чистов) – издание, посвященное различным растениям, включая алоэ, с историей его использования и научными исследованиями.
3. **"Алоэ: полезные свойства и рецепты"** (автор: Т. М. Махрова) – книга, которая рассматривает историю алоэ и его использование в народной медицине, а также научные доказательства эффективности этого растения.
4. **"Целебные растения: история, культура, применение"** (автор: В. В. Докучаев) – издание, включающее сведения о разных растениях, в том числе и алоэ, с историческими аспектами и их значением в различных культурах.
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