International Journal of Biological Engineering and Agriculture

ISSN: 2833-5376 Volume 2 | No 6 | Jun -2023



Monitoring of Biocenoses of Zominsky Reserve

¹ Saparova Gulnaz Kalbayevna, ² Zokirov Zoir Zokirovich

- Associate professor of the Department of Ecology and Botany of the Tashkent State Agrarian University, Ph.D. <u>saparova gulnaz@internet.ru</u>
- ² Master of Department of Ecology and Botany of Tashkent State Agrarian University.

Abstract: This paper examined the ecological states of Zominskaya sushi biocenoses, their resistance to the causes of climate change, and their environmental friendliness

Keywords: Reserve, diverse fauna, ecological state, regional (regional) and local (local) ecological problems, plant species, mountain "goats", "Red Book" factors causing the influence of nature, anthropogenic impact.

Introduction

In total, 1 thousand 216 species of medicinal and ornamental plants grow in our reserve, including 3 species - Turkestan, Zarafshan and Yassimon, - says Akylbek Suyarov, a specialist in environmental education, public relations and ecotourism of the Zominsky State Reserve. - In addition, our subordinates will monitor and monitor the growth and lifestyle of 149 species of various animal species, broken down by class, observation and photo cards displayed in the regions. [1.]; [2.]; [3.]; [4.]; [5.].

Our controllers conduct 2 times a 1 year: autumn and spring.

The reserve includes 1 species of fish, 2 species of amphibians, 14 species of mammals, 102 species of birds, 30 species of mammals. Snow cover included in the international and Uzbek "Red Book," Tian-Shan Kungir bear, Turkestan silovsin, Severtsovskaya lowland, fox, fox, wild tungiz, black vulture, black bark, bearded kalhat, burgut, pakan-burhat, snow-white kalhat, taskara, animals and birds such as lochin and red book lochin, as well as animals such as tungiz, jaira, rabbit and many others. [6.]; [7.]; [8.]; [9.]; [10.].

Animals and birds included in the "Red Book" of the Bahmal branch of the Zominsky State Reserve, biodiversity, fresh air, icy seawater, which flows into the Sangzor River and dissolves in high-altitude snow, like us, in any human mood positive effect.

There are three types of black, apricot and savory arches in the region. About 700 species of higher plants grow here. 13 species are included in the Red Book of the Republic of Uzbekistan, 48 species are endemic species of West Turkestan. Today, 1216 plant species from 105 families of 531 series are found in the reserve, 21 of which are listed in the Red Book of the Republic of Uzbekistan. More than 20 types of medicinal plants will grow here. [11.]; [12.]; [13.]; [14.].

On the territory of the reserve there are 1 species of fish, 2 species of aquatic and land inhabitants, 14 species of mammals, 102 species of birds and 30 species of mammals.

The reserve includes 1 species of fish, 2 species of amphibians, 14 species of mammals, 102 species of birds, 30 species of mammals. Snow cover included in the international and Uzbek "Red Book," Tien Shan Kungir bear, Turkestan silovsin, Severtsovskaya lowland, fox, fox, wild tungiz, black vulture, black bark, bearded kalhat, burgut, pakan-burhat, snow-white kalhat, taskara, such animals and birds like lochin and red-book lochin.



Tourists can be brought here. But on the territory of the Zominsky and Bakhmalsky forest farms, they are allowed to monitor nature and the animals living here from binoculars and telescopes standing on the border of our Buffer Zone reserve.



1 images. Biocenoses of the Zominsky Reserve

During the media tour, organized in the direction of the Bakhmalsky branch of the Zominsky State Reserve, we received a lot of information that we knew and did not know.

Animals and birds included in the "Red Book" of the Bahmal branch of the Zominsky State Reserve, biodiversity, fresh air, icy seawater, which flows into the Sangzor River and dissolves in high-altitude snow, like us, in any human mood positive effect.

References.

- 1. Saparova G.K., Yuldosheva S.Sh. Instructional manual for practical training in ecology and environmental protection. Tashkent. 2019
- 2. Ergashev A.Ye. General ecology textbook. Tashkent. 2006
- 3. Ergashev A. Ye., Sheraliyev A. Sh., Suvonov X. A, Ergashev T. A. Study guide "Ecology and nature protection", "Science" T. 2009., 450 pages.
- 4. Haydarova H.N., Saparova G.K. Textbook of ecology and environmental protection Tashkent. 2021
- 5. "Red Book" of the Republic of Uzbekistan, volume 2 T.: "Chinar ENK", 2019. 567 p.
- 6. Textbook "Ubekistan Reserve" Tashkent. 2008.
- 7. Holmamatovich K. U. Technology of cultivation of peking cabbage in various schemes //Asian Journal of Multidimensional Research (AJMR). − 2018. − T. 7. − № 9. − C. 418-424.
- 8. Holmamatovich K. U. et al. THE PERIODS OF PLANTING OF SEEDS OF PEKING CABBAGE AS REPEATED CULTURE IN UZBEKISTAN //Problems and solutions of advanced scientific research. 2019. T. 1. № 1. C. 18-22.
- 9. Holmamatovich K. U. et al. TECHNOLOGY FOR GROWING PEKING CABBAGE FROM SEEDLINGS IN A REPEATED PERIOD //" ONLINE-CONFERENCES" PLATFORM. 2021. C. 37-41.
- 10. Xolmamatovich X. U., Baxtiyarovna I. F. SELECTION OF HIGH-YIELDING, EARLY-RIPENING VARIETIES OF CHINESE CABBAGE IN VEGETABLE CROPS //Journal of Academic Research and Trends in Educational Sciences. 2022. T. 1. №. 10. C. 289-295.
- 11. Khurramov U. H., Asatov S. I. Results of varietal testing of peking cabbage with a repeated planting in Uzbekistan //ACADEMICIA: An International Multidisciplinary Research Journal. 2018. T. 8. № 9. C. 28-32.
- 12. Holmamatovich K. U. et al. TECHNOLOGY OF CULTIVATION OF PEKING CABBAGE IN VARIOUS SCHEMES //World Bulletin of Management and Law. 2021. T. 3. C. 16-20.



- For more information contact:mailto:editor@inter-publishing.com
- 13. Kholmamatovich K. U., Choriyevich N. I., Nasimovna B. S. Results of Varietal Testing of Peking Cabbage with a Repeated Planting in Uzbekistan //International Journal on Orange Technologies. − 2020. − T. 2. − №. 10. − C. 20-23.
- 14. Kholmamatovich K. U. et al. Selection of Fruitful Varieties of Peking Cabbage //INTERNATIONAL JOURNAL OF BIOLOGICAL ENGINEERING AND AGRICULTURE. 2022. T. 1. № 3. C. 20-23.