



## BIOTSENOZ, BIOGEOTSENOZ AND ECOSYSTEM STRUCTURES AND PROPERTIES

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### Abstract

This thesis biogeotsenoz, biotsenoz and your ecosystem structures, their properties biogeotsenoz the life of all structure levels of originality, life processes and in nature, the importance is great is that, "Ekosistema" the concept of science introduction, ekosistema the importance of, natural ekosistema, of substances exchange, ekosistema in the feed chain, ekosistema in productivity, such as a number of issues outlined are.

**Keywords:** Biotsenoz, biogeotsenoz, ekosistema, v. n. Sukachev, natural ekosistema, ekosistema types, feed chain.

### Introduction

Biotsenoz different types of microorganisms, plants and animals together living populations is a collection. Biogeotsenoz (Greek "bios" – life, "ge" – earth, and "the universe" – general words olinadi) it whatsoever in the process certain a territory who occupy every different type belonging bacteria, zamburug', plants and animals from the community consists of open biosistemadir. Biogeotsenoz hbeliefs doctrine of the Russian botanist scientists of v. n. Sukachev created. It biogeotsenoz living nature of muhim functional structure as the unit that is and biogeotsenoz two structural parts – tirik organisms complex (biotsenoz) and environmental conditions are complex – art (Greek "bios" – life and "top ipsos" in – place) from that showing gave.

The earth on the face of natural communities are not where almost no. Life of biogeotsenoz in the form of atrophic environment of nearly all the parts I will take. This in its turn biogeotsenoz of hayo the structure from the level of the one as important significance determines. Every how biogeotsenoz certain a in the area is common, and certain limit have. Living organisms jamo minds in the desert, north of the width, the equator, the sea and the oceans, the soil and the mountains also itchraydi. Biogeotsenoz of each how biosistemalar as a whole, stable the system is, it's this feature of substance periodic cycle through provides. Biogeotsenoz the cut off and the properties of the environmental movement exceptional is – biogeotsenologiya learns. Biogeotsenoz stable, self-control that the biological system is, in it living organizmlar (microorganisms, plants, animals) inorganic nature of the structural qthe name of (water, soil, climate) with a reciprocal link. Them mountain forest, steppe,





pasture biogeotsenozlarini example , make get , you can. Of biogeotsenoz also the life of all structure levels of specific, i.e. strukturasi, life process and in the nature , importance , such as features with is described.

Biosistema as biogeotsenoz mutual substances exchange through a linked structural thenames – art (live environment) and biotsenoz (living organisms team)from up composed oout of the system is. Biogeotsenoz at the level that you monitor the most important processes:

- tur life providing biomass distribution and synthesis;
- species the number of constant boshqarilishi;

Biosistemaning stability providing substances and energy flow hisoblanadi.

Biogeotsenoz in nature diverse types between mutual relationship kis transferred to. Biogeotsenoz the substances periodic rotation participate will. Biogeotsenoz of diversity and long - term for available be of biosfera evolutsiyasini provides. The biogeotsenoz biosfera of the stability determine which moddalar of the biological cycle (biogeokimyoviy cycle)to offering the system yield will. Tthat highlights biogeotsenoz of a whole holistic system is, they self- update, stability, o‘z self- management characteristics has. Ekosistema concept. "Ekosistema" terms of 1935 in the uk kiwi scientists A. Ten by science included. His opinion according, kosistemalar activity of substances exchange and energy flow with associated which is living organizmlar and the environment physical factors is complex. A. Ten of ekosistema "the land in theus the main natural units" that's it.Biogeotsenoz and ekosistema concept bir-one of the close concept is, of life, one structure at the level biosistemalar hisoblanadi. This system of interaction depends on living and inorganic structural part up I find. Ekosistema and biogeotsenoz concept often a sense of where it is used hat them in the interpretation of some of the differences there are. "Biogeotsenoz" the concept of biosistemaning specific tark aspects reflecting a number, "ekosistema" the concept of biosistemaning functional mohiyatini the expression is. Ekosistema of his size, species diversity , and murakkab ministry with biogeotsenoz from different makes. Biogeotsenoz of certain limit to be able to bdies, in ekosistema while the limit determine difficult it is. "Biogeotsenoz" there is inus of certain regions in living organisms and the environment natural complex of hisoblanadi. Biogeotsenoz a certain understanding have, them in the structure of the number from the aspect of a lot hechraydigan on the type of depending on the name given. For example: "archazor forest", "yong'oqzor forest" and boshq. Are ekosistema , while their size and complexity in terms of diverse. "Ekosistema" dwhen eating size in diverse, substances and energy exchange through mutual related tirik organisms and inorganic nature of the factors of the sum is understood to be. Ekosistema tbehind for the sake of





biogeotsenoz concept than a broader sense is used. Every how biogeotsenozga ekosistema as look , you can, but each how ekosistema the biogeotsenoz that will not be. Ecosystem three parts consists of:

- Teams,
- Energy flow,
- Substance flow (circulation).

Biological view point from the ecosystem to the following will be:

- In a cycle involved which inorganic substances (c, n, co 2, H 2 o, p, O , and others).
- Organic compounds (proteins, carbohydrates, fats, humus substances and others).
- Air, water and substrate, the environment, the including abiotik factors.
- Work out,
- Consumers,
- Parchalovchi are.

Ekosistema the territory in all respects varied be can:

- small ekosistemalar – mikroekosistemalar (the germs in the water, a drop of, microorganisms and vertebrates
- htent able mildew to'nka, stagnant water, aquarium , and other.);
- average size to be able to ekosistemalar – mezoekosistemalar (olmali garden, field, archazor forest, pond, lake, river , and boshq.);
- major of ekosistema – makroekosistemalar (ocean, steppe, tayga, tropical forest, mountains, cwet , and other.);
- global ekosistema (biosfera).

The human ecosystem in life, an important role plays. Our zamonamiz in mankind for their goals to achieve to new ecological system creates and existing ecological system, not makes. Formation method according ecosystem also two into groups are divided:

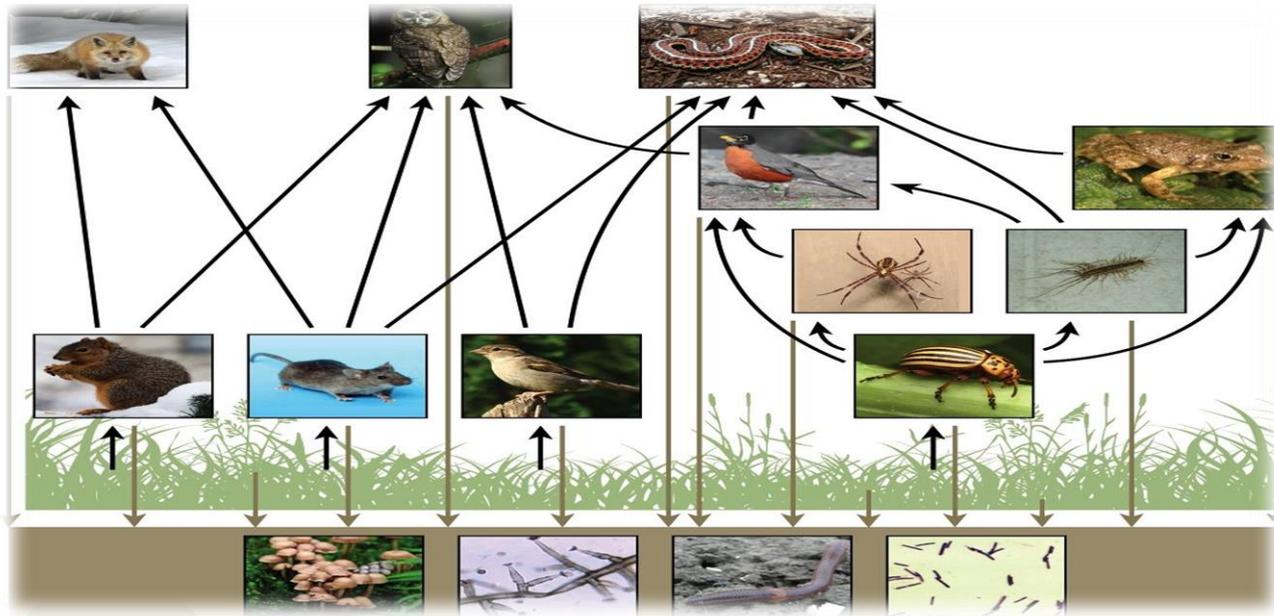
- Natural ecosystem. It is the nature of power as a result of into being came, freelance on the basis of recovery and of substances from the creation to the breakdown of the stages of the recall of the range to create is able.
- Artificial or anthropogenic ecosystem. It man hand by created in the conditions of (field, pasture, water reservoirs, botanical garden) that live in plants and animals is.

All living creatures growth, be tried and the increase for necessary and the energy to get to the eating of need. But this, the living organisms are what you will eat? Plants energy from the sun gets, some animals, plants, other animals consume they will. Ecosystem of feeding this ratio food chain as is referred to. Food chain of a typical





biological in the community who is anyone with the nutrition of the sequence represents. Below the food chain, they can living organisms quotes:



Food chain of a kind is. Trophic nets many of the food chain is a combination and a complex structure. Energy food chain across one level to another will be transferred. The energy of a part, growth, reproduction, scanning, and other needs for used and next to the stage for available is not. Shorter food chain far than the more energy it saves. The spent energy to the environment by absorbed. Ekosistema of natural and artificial to be can. Artificial ekosistema the men by their own economic activity and maintaining, for the purpose of it is created. Ekosistema the content of a few of biogeotsenoz be entered can. Biogeotsenoz of – natural ekosistemalar if you, their boundaries fitosenoz, that is, the plants team by determined.

## Conclusion

Ekosistema the limit possible is, in biogeotsenoz while the limit is there. Ekosistema of artificial thicker, too, canammo biogeotsenoz of only natural it is.

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