

SEASONAL PRODUCTIVITY OF THE STRAPS OF PLAIN CRIMEA UNDER THE INFLUENCE OF THE PYROGEN FACTOR ON THEM

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The influence of the pyrogenic factor on the steppe phytocenoses of plain Crimea with their seasonal reconstructions was examined. The consequences of its influence on plant communities and their adaptive mechanisms to the habitat changing conditions were studied. Quantitative speed evaluation of these processes and their relation in multiple dynamics reveal a great balance of multidirectional processes with considering climatic factors.

Fire and grazing make significant adjustments to these processes, thereby destabilizing them, forming phytocenoses with a simplified structure. Therefore, the adaptive ability of species to the pyrogenic factor is manifested. Fires lead to the destruction of dry litter of plants, because of which there is a sharp violation of soil formation processes, the perennial species that were unstable to the pyrogenic factor. It leads to introduction of annual segetal and ruderal species in given populations when the ecological niches are destroyed.

Keywords: pyrogenic factor, burner, steppe phytocenoses, anthropogenic load, seasonal dynamics, productivity.

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