



### THE FLORA OF PASTURE OF ODESSA GEOBOTANICAL DISTRICT

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Territory of the Odessa geobotanical district, is characterized by the great variety of ecotopes, and is subjected by anthropogenic influence. One of its direction is a pasture. Floristical signs of pasture are to impoverishment of natural flora, introduction of species tolerant to the pasture etc.

The aim of work is study of flora areas with a different degree of loading from hardly noticeable signs to the pasture-digression changes. Our researches were conducted in Odessa geobotanical district, within the limits of Odessa region. We selected the synantropic species and rare and disappeared species from groups guarding at local and state level. Economic potential of the fixed species was considered.

There were found 359 species from 227 genus and 59 families in the flora of pastures. 90% of species from them were specified by previous investigators (Shesterikov, 1912; Tihomirov, Demchenko, 1975; Potapenko, 1943; Dubina, Shelyag-Sosonko, 1989).

56,0% species of pasture flora (201 species from 96 genus and 40 families) are synanthropical. There are 91 species in alien fraction. Among them epiphytes prevailed (86,8%), when to another groups are belonged from 3 to 5 species. Part of gemiapophytes is the biggest apophyte among fraction (46,6%). Then there are euapophyte (30,9%) and casual apophytes (22,7%). The found species possess the wide spectrum properties useful for man. There are prevailed the medicinal (43,5%), forage - (30,4%), honeying (25,1%), decorative (23,1%) species are prevail. The other groups of useful plants (food, olive, vitaminly, technical, dyeing) are represented from 15,9% to 10,3%. Participation of weeds is considerable - 40,7%.

In a pasture flora there are 1 species from the Red Data Book of Ukraine (*Stipa capillata* L. etc.) and also - 10 species, guarding in the Odessa region (*Hyacinthella leucophaea* (To.Koch) Schur., *Buffonia tenuifolia* L. etc.).

Thus, in the pastures flora there are 55% alien species. However the gene pool of rare, economical useful species is existed.

### ФЛОРА ПАСТБИЩ ОДЕССКОГО ГЕОБОТАНИЧЕСКОГО ОКРУГА

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Были обследованы пастбища с разной степенью пастбищной нагрузки. Их флора представлена 359 видами из 227 родов и 59 семейств. Свыше 55% видов обследованной флоры являются синантропными. Найденные виды обладают широким спектром хозяйственно полезных свойств. Обследование пастбищ показало наличие здесь 10 видов, охраняемых на местном и государственном уровнях.