

POISONIC VASCULAR PLANTS OF THE CITY SARATOV

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Received 14 March 2019, Accepted 25 March 2019

The results of the study of poisonous plants in the city of Saratov are presented. For this territory, 46 poisonous species of vascular plants belonging to 29 families are listed. The analysis of species of this group by biotopic confinement showed that the majority of poisonous species grow in the recreational and residential areas; analysis of the life form revealed that most of the poisonous plants are represented by herbaceous perennials; chemical analysis showed that the leading group of plant toxicants are alkaloids; in most of the plants examined, poisonous substances are contained in the aboveground part. Special attention is paid to species such as *Humulus lupulus* L. and *Conium maculatum* L. *H. lupulus* is an official plant that is widely distributed almost everywhere, but, as it contains humulin alkaloid, this species is a latent threat to the population. *C. maculatum* contains the most dangerous alkaloids, the main of which is koniin, poisoning of which causes respiratory paralysis. Most poisonous species are used in both folk and officinal medicine, as a result of which there is a threat of poisoning when they are used uncontrollably. The lack of awareness of the population about poisonous plants, their attractive appearance and fragrant smell, which cause the greatest curiosity in young children in nature, are the main causes of poisoning with plant poisons in the city of Saratov. In this regard, it is necessary to further study the chemical composition, toxic action, pharmacological properties, as well as the prevalence of poisonous plants in the city of Saratov and the Saratov region as a whole. **Key words:** biological and ecological features, poisonous plants, vascular plants, *Humulus lupulus*, *Conium maculatum*.

DOI: 10.18500/1682-1637-2019-1-39-54

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Cite this article as:

Durnova N. A., Kuznetsova I. A., Potapova A. S. Poisonous vascular plants of the city of Saratov. *Bulletin of Botanic Garden of Saratov State University*, 2019, vol. 17, iss. 1, pp. 39 – 54. (in Russian). DOI: 10.18500/1682-1637-2019-1-39-54.