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## **DEVELOPMENT OF GEOBOTANICAL STUDIES IN UKRAINE IN 20-30'S OF XX CENTURY**

### **Summary**

The aim of the article is, using the methods of concrete historical, comparative and problem-chronological analysis, to reconstruct the history of geobotanical studies in Ukraine (20-30's of XX century.).

The results of the study demonstrated that 20-30's of XX century were characterized by intensive studies conducted by scientific agricultural and botanical institutions and organizations – Agricultural Scientific Committee of Ukraine, Kharkiv University, Ukrainian Institute of Applied Botany, Kharkiv Agricultural Institute etc., by leading scientists (Ye.M. Lavrenko, D.H. Vilenskyi, H.H. Mahov, N.O. Desiatova-Shostenko and others), it was created a series of geobotanical maps of some regions of Ukraine. Botanical section of ASCU began work on a comprehensive botanical work «Flora of the USSR». In 1925 the Section Commission including D.H. Vilenskyi, M.I. Kotov, Ye.M. Lavrenko, H.H. Mahov and O.V. Fomin developed phyto-geographical zoning. During the period of existing of the research department and geobotanical section of the Kharkiv Agricultural Institute, its members held a series of researches: finding new for Ukraine genera of plants and relict species characteristic as leaders in identifying the glacial history, the study of vegetation of Oleshkivski sands in Donbass region, the Black Sea steppes etc. Geobotanical studies conducted by Ye.M. Lavrenko, N.O. Desiatova-Shostenko and other scientists have shown the importance of allocating areas in the reserves.

Geobotanists on the basis of the found precious samples of steppe flora initiated creation of reserves Myhailivska Tsilyna, Uspenivskiyi Steppe, defended from plowing reserve Khomutovskiyi Steppe.

The conclusion is that in the scientific basis of agricultural production it became extremely important the impact of scientific research on geobotany at developing theoretical and methodological foundations of strategic management of crop science, methodical approaches and practical recommendations on forming a strategy for further development of the industry.

***Key words:*** *geobotany, Agricultural Research Committee of Ukraine, Kharkiv University, Ukrainian Institute of Applied Botany, Kharkiv Agricultural Institute, flora of Ukraine.*