

TAXONOMY AND DISTRIBUTION OF THE *ARUM* L. SPECIES IN THE CARPATHIANS

by

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Aims. Taxonomic and chorological investigations on the *Arum* species occurring in the Western and Eastern Carpathians. Studies of their ecological requirements.

Methods. Collecting of the live and herbarium materials in the field; phytosociological studies; cultivation for karyological investigations.

Results. About 30 Polish localities of *Arum* were visited. The herbarium material and living tubers for cultivation in the garden were collected from 20 localities. In ten localities, populations of declining *Arum* were noted, mainly in the neighbourhood of large, artificial water reservoirs. Phytosociological investigations were carried out in each locality visited.

The largest populations of *Arum* were found in the Low Beskids and in the Bieszczady Mts (Polish Eastern Carpathians).

Karyological investigations are being carried out also on the materials from Podolia and the Ukrainian Carpathians.

References

Terpó, A. 1973. Kritische Revision der *Arum* - Arten des Karpatenbeckens. Acta Bot. Acad. Sci. Hung. 18(1-2) : 215-255.

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