

DISTRIBUTION OF THE SELECTED BOREAL AND SUB-BOREAL VASCULAR PLANTS

VARIABILITY AND DISTRIBUTION OF SPECIES FROM THE *DACTYLORHIZA INCARNATA* (L.) Soó GROUP IN CENTRAL AND NORTH-EASTERN EUROPE

by

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In 1987 work on floristic maps of the distribution of the Soó group of species belonging to the *Dactylorhiza incarnata* group began. The range of distribution was studied. The work also includes a study of the morphology, biology and ecology of the species.

The investigations begun in 1985 deal with detailed population variability and distribution of several species belonging, according to Soó (in Flora Europaea), to the *Dactylorhiza incarnata* group. There were: *D. laponica*, *D. majalis*, *D. cordigera*, *D. cruenta*, *D. incarnata*, *D. traunsteineri*, *D. russowii*, *D. ruthei* and *D. praetermissa*.

Taxonomic studies have been carried out using biometric analysis with the help of statistical methods. The diagnostic value of the characters has also been studied.

To complete these studies, karyological data were collected.

Comparative investigations on variability of populations of selected species from that group have also been started in Poland, Estonian and Latvian SSR.

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