

VARIABILITY AND TAXONOMY OF GENUS *EUPHRASIA* L. IN POLAND

by

Jerzy STASZKIEWICZ & Jolanta DŁUGOBORSKA

The purpose of the present investigation is a better understanding of the variability of different taxa of the genus *Euphrasia* from Poland. Biometrical analyses of samples from 120 localities were carried out, and many herbarium specimens were studied. From each of these localities 30 specimens were examined. The specimens were characterized by many features of the leaves and by the midlobe of the lower lip of the corolla. The samples are described in respect to the arithmetical means, extreme values, standard deviation and the coefficient of variability. All measurements were made on the drawings by means of a millimetre scale enlarged to the same degree as the drawings. The graphical method described by Jentys-Szaferowa (2) and the Principal Component Analysis (1) will be used for presenting the results of the biometrical and taxonomical analysis.

References

1. Blackith, R. E., Reyment, R. A. 1971. Multivariate morphometries. London — New York. Academic Press. pp. 412.
2. Jentys-Szaferowa, J. 1959. A graphical method of comparing the shapes of plants. (in Polish). Rev. Pol. Acad. Sc. 4(1): 9-38.