

# VARIABILITY OF *CENTAUREA OXYLEPIS* Wimm. et Grab. AND THE ALLIED SPECIES (ASTERACEAE)

by

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The variability of the morphological features of the leaves and scales of the involucre of capitula is examined in local samples (local populations), or in determined specimens from the Central European localities. Particular attention is paid to the variability of *C. oxylepis*, *C. phrygia*, *C. macropylon*, *C. subjacea* and *C. jacea*. From each local sample 20-30 leaves and capitula were the subjects of analysis. Local samples and specimens (from Herbaria) were characterized by many features of the leaves and flowers. On the basis of arithmetical means taxonomical distances between the samples (3) will be calculated. Moreover, the similarities and differences between the samples will be established on the basis of the Principal Component Analysis (1). In order to show differentiation of local samples Jentys-Szaferowa's (2) graphical method will be used.

## References

1. Blackith, R. E., Reyment, R. A. 1971. Multivariate morphometrics. London - New York. Academic Press. pp. 412.
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3. Sokal, R. R., Sneath, P. H. A. 1963. Principles of numerical taxonomy. San Francisco & London. W. H. Freeman (ed.) pp. 359.