

VARIABILITY OF THE SAXIFRAGA MOSCHATA COMPLEX

by

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AIM. Knowledge of morphological, cytological and biochemical variability of intraspecific taxa of the *Saxifraga moschata* Wulf. group in Poland.

MATERIAL AND METHODS. The basic materials of the study consist of about 120 samples collected in 1986 and 1987 from limestone and granite localities in the Tatra Mts and the basalt parts of the Sudety Mts, grown under the same conditions in experimental plots in Zakopane (Tatra Mts). They represent probably all three subspecies of the *S. moschata* complex known in Poland, i. e. subsp. *dominii* Soó em. S. Pawł., subsp. *kouulae* S. Pawł., and subsp. *basaltica* Br.-Bl. For detailed morphological studies further herbarium material was successively collected. On account of the great cytological differentiation of the *S. moschata* complex ($2n=22, 24, 26, 44, 52$) the material was fixed for cytological studies by L. Przywara (Jagiellonian University).

RESULTS. Despite growing the material under the same conditions, some of the conspicuous morphotypes are stable, indicating an intraspecific differentiation of the *S. moschata* complex in Poland.

FUTURE OF THE PROJECT. Detailed morphological and cytological investigations as well as comparative studies of phenolic compounds of *S. moschata* leaves will be continued in 1989-90.

References

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