

# DISTRIBUTION OF CALAMAGROSTIS Adans SPECIES IN POLAND

by

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In connection with studies on the genus *Calamagrostis* made for the "Flora of Poland — Vascular Plants" the preparation of the maps for all species occurring in Poland was started. The distribution of species was worked out only on the basis of herbarium data. In Poland there are seven species of genus *Calamagrostis*.

The mountain species:

*C. pseudophragmites* (Haller fil.) Koeler — the species of the lower montane belt, occurring in some Carpathian Ranges such as Bieszczady, Radziejowa, Jaworzyna, Gorce, Pieniny, Skalice Nowotarskie, Skalice Spiskie, Gubałówka, Działy Oraawskie and Brama Sieniawska. It descends to the lowland along the Vistula River and its Carpathian affluents.

*C. varia* (Schrader) Host — subendemic species of the Western Carpathians, growing mostly in the Tatra and Pieniny mountains, rare outside these regions and probably only in the ranges: Gubałówka, Radziejowa, Pieniny Klippen Belt, and Gorce Mts.

*C. villosa* (Chaix) J. F. Gmelin — the common mountain species occurring in the Carpathians and Sudety mountains. It is scattered in the southern part of the lowlands, very rare in the northern part (region Suwałki).

The lowland species:

*C. stricta* (Timm) Koeler — a species more common in the northern part of the lowlands on the Pomorze Zachodnie and Pojezierze Mazurskie, rare in Wielkopolska, scattered in the southern part of the lowlands. Its southernmost limit corresponds approximately to Dolny Śląsk, the districts of Kielce, Rzeszów and Przemyśl.

*C. canescens* (Web.) Roth — a species quite common in the lowlands, especially in the area of Wielkie Dolino. It seems to be scattered in the southern part of Poland. Its southernmost limit in Poland is similar to that of the previous species, through the districts of: Wrocław, Katowice, Kielce, Kraków, Rzeszów and Przemyśl.

*C. arundinacea* (L.) Roth and *C. epigejosit* (L.) Roth grow both in the lowlands as well as in the mountains.

## References

- Pawlis, M. 1985. Taxonomy and distribution of the *Festuca ovina* group. *Acta Geobot.* 29(2): 219-235, (1983).
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