Assessing the factors limiting the *Rosa gallica* L. shrub occurrence in Romanian grasslands (case study)

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**Abstract:** The purpose of this work is to show how are influencing different fertilisation types and years of utilisation on the occurrence of the species *Rosa gallica* L. (French rose) in the analysed grassland. Other aspects analysed here are its interrelation with different parameters of the vegetation as botanical composition, biodiversity and pastoral value. The vegetation data were collected using the linear point-quadrat method. The analysed permanent grassland has a relatively constant contribution of the species *R. gallica* L. in the vegetation sward. The grassland where it was developed this study was dominated by *Festuca valesiaca* Schleich. ex Gaudin and *Filipendula vulgaris* Moench., other species with important contributions being *Achillea millefolium* L., *Plantago lanceolata* L. and *R. gallica* L. The fertilisation and harvesting of the biomass hasn’t influenced the contribution of *R. gallica* L. during the six years of researches.

**Key words:** fertilisation, floristic composition, grassland, *Rosa gallica* L., vegetation