

CHOROLOGY OF THE SPECIES CRAMBE TATARIA IN NATURE RESERVE DEALUL ZACKEL, SIBIU COUNTY, ROMANIA

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The aim of this paper is to provide a better understanding of the ecological and conservation importance of the species *Crambe tataria* Sebeók, family Brassicaceae, within the Dealul Zackel nature reserve, the Natura 2000 site ROSCI0093 Insulele Stepice de la Slimnic, Sibiu County, Romania, by studying environmental and anthropogenic factors, local distribution, and by offering new chorological data. *Crambe tataria* has LC IUCN status and is a steppe species, its geographical distribution is limited to central and eastern Europe, to 42 Natura 2000 sites and in Romania it is being present only in areas where edaphic and climatic conditions are suitable, such as Dealul Zackel, which serves as a true refuge for this species, providing it with specific habitat conditions. The analyses and data provided by this study may be correlated with climate changes and can be used for the development of conservation measures and the updating of the management plan.

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