



Conference Abstract

# On the distribution of *Helichrysum arenarium* (L.) Moench (Asreraceae) in Bulgaria

Elina Yankova-Tsvetkova<sup>‡</sup>, Stoyan Stoyanov<sup>‡</sup>, Antonina Vitkova<sup>‡</sup>, Ivanka Semerdjieva<sup>§</sup>

<sup>‡</sup> Department of Plant and Fungal Diversity, Division of Flora and Vegetation, Institute of Biodiversity and Ecosystem Research, BAS, Sofia, Bulgaria

<sup>§</sup> Department of Botany and Agrometeorology, Faculty of Agronomy, Agricultural University – Plovdiv, Plovdiv, Bulgaria

Corresponding author: Elina Yankova-Tsvetkova ([e\\_jankova@abv.bg](mailto:e_jankova@abv.bg))

Received: 11 Sep 2019 | Published: 11 Sep 2019

Citation: Yankova-Tsvetkova E, Stoyanov S, Vitkova A, Semerdjieva I (2019) On the distribution of *Helichrysum arenarium* (L.) Moench (Asreraceae) in Bulgaria. ARPHA Conference Abstracts 2: e46489.

<https://doi.org/10.3897/aca.2.e46489>

## Abstract

*Helichrysum arenarium* (L.) Moench is herbaceous perennial plant belonging to Asteraceae family. The plant is well known in phytotherapy for its potential in the treatment of gallbladder disease and is classified as endangered in a number of European countries. In Bulgaria it is a protected species according to the Biodiversity Act (Annex 4) and is in the List of Species of Medicinal Plants under special regimen of conservation and use. The data on the distribution of *H. arenarium* in the Bulgarian flora have not been updated for more than 20 years. The aim of this study is to determine the current distribution of *H. arenarium* in Bulgaria on the basis of reviewing the available herbarium specimens in the Bulgarian herbariums, literature data, and personal collections. As a result, the locations of the species on the territory of the country were described and mapped. In Bulgaria *H. arenarium* is represented with only a few populations located in a limited area in the northeastern part of the country, in a narrow strip between the towns of Shumen and Varna.

## Keywords

distribution, *Helichrysum arenarium*, Bulgarian flora

## **Presenting author**

Elina Yankova-Tsvetkova

## **Presented at**

Vth International Congress on Biodiversity: „Taxonomy, Speciation and Euro-Mediterranean Biodiversity“

## **Acknowledgements**

The authors are grateful for the financial support provided by the National Science Fund (Grant КП-06-H26/6/13.12.2018).