

**CALOPHACA WOLGARICA (L. FL.) DC POTENTIAL
BIOCLIMATIC AREAL IN CONNECTION WITH
THE SELECTION OF SITES FOR REINTRODUCTION
IN THE SARATOV REGION**

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Received 22 October 2018, Accepted 30 October 2018

The paper presents modern data on the distribution of the *Calophaca wolgarica*. An attempt was made to simulate a bioclimatic area method of maximum entropy. Climatic parameters influencing the settlement of species in which the existence of the species is optimal are established. In accordance with the received Bioclimatic model in the territory of the Saratov region may be produced by the *Calophaca wolgarica*. Based on the obtained data and data on the composition and structure of plant communities with the participation of *Calophaca wolgarica* in natural habitats, there was a selection of undisturbed steppe areas for the reintroduction of the species in the Saratov region. The territory with optimal conditions for the reintroduction of the *Calophaca wolgarica* in the territory of the Saratov region is defined. It was established that in the territory of the Saratov region the settlement of the species is limited by temperature and seasonality of precipitation. However, within the region there are suitable places for the growth of the *Calophaca wolgarica*, and accordingly its reintroduction.

Key words: *Calophaca wolgarica* (L. fl.) DC., potential area, MaxEnt-modeling, bioclimatic parameters.

DOI: 10.18500/1682-1637-2018-4-38-48

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