

## **Biomorphological Characteristics, Habitats, Role in Plant Communities and Raw Reserves of *Ajuga turkestanica* (Regel) Briq. (Lamiaceae) In Uzbekistan**

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**Abstract :** The results of scientific research on the biomorphological features of *Ajuga turkestanica* (Regel) Briq., its role in plant communities, modern distribution areas, and raw material reserves are presented. Plant ontogeny is divided into 3 periods and 9 growth stages. Information on its seasonal and diurnal flowering and seed productivity is provided. As a result of the research, the participation of the studied species in plant communities, its place, the structure and floristic composition of communities were determined, and as a result, for the first time, the description of 11 new associations in 7 formations of *Ajuga turkestanica*, and a schematic map of the geolocation of formations and associations of plants in Uzbekistan is given. *A. turkestanica* (within the range) are divided into 3 categories and 21 massifs. Its current biological reserve is  $93.5 \pm 35.3$  tons, its usable reserve is  $46.2 \pm 13.8$  tons, and the reserve that can be prepared in 1 year is  $28.4 \pm 5.42$  tons.

**Keywords :** ontogeny, seed productivity, seasonal flowering, formation, association, dominant, subdominant, areal, biological reserve, operational reserve, annual reserve, GIS map

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