

**MIXED ONION (*ALLIUM PRAEMIXTUM VVED.*) DISTRIBUTION AND CHARACTERISTICS OF THE TYPE**

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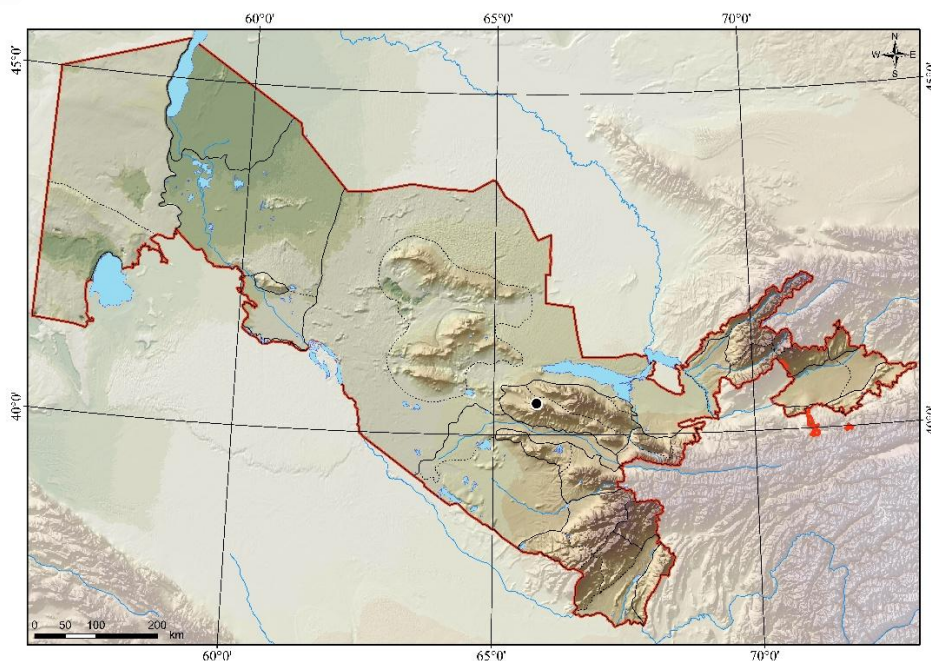
**Abstract:** *This article presents information about the morphological structure, distribution and characteristics of the species mixed onion (*Allium praemixtum vved*), belonging to the genus onion (*Allium*).*

**Keywords:** *species, genus, mixed onion, Red book, onion, rare, endemic, plant.*

One of the largest superpolymorphic taxa The genus *Allium* L. includes more than 850 species and subspecies [3]. It has several centers of speciation and diversity and is mainly distributed in the extratropical Palearctic zone. In particular, the region of Central Asia and the mountains of Uzbekistan are such centers.

Naturally very variable and taxonomically complex genus *Allium*, distributed in the northern hemisphere. The latest classification for this genus is based on morphological characters and takes into account the molecular data, including about 780 species that belong to fifteen subgenera and 56 sections (FRIESEN & al. 2006). To date, taxonomic inventory of this genus has focused mainly on the Mediterranean, southwest and parts of Central Asia and has resulted in the description of more than 30 new species and subspecies, increasing the number to more than 800 species in 2009. True tunicate bulbs, annual roots, generally broad and flat leaves with subterranean (barely visible above ground) sheath parts, strong and usually strictly vertical peduncles of varying lengths, and large, fasciculate or globular inflorescences consisting of many moderately small or large, often star-shaped, flowers are characteristics of the members of this subgenus. A sweet or otherwise noticeable odor is emitted by the flowers of the species.

Mixed onion (*Allium praemixtum Vved.*); a rare endemic plant, distributed in Kurama, Nurota and Aktog ranges of Navoi, Samarkand, Jizzakh, Tashkent regions. Also found in Tajikistan. Grows in rock crevices, rocky slopes and limestone soils at an altitude of 900 - 1200 m above sea level.



**Figure 1:** Distribution map of the species Mixed onion (*Allium praemixtum* Vved.) in Nurota

Perennial herb, bulb ovate, 2.2–5 cm in diameter, leathery, covered with a red–brown husk. The plant is 45–150 cm tall, with a strong, porous core, the lower half of which is swollen like a bubble, and covered with smooth, shell-like leaves at the base. The cylindrical leaves are narrowed at the tip, straight, tubular, 4–7 in number, 15–40 mm wide, 3 times shorter than the stem.

The flowers are numerous, densely arranged in an umbrella, spherical in shape. The inflorescences are of the same length, 4 times longer than the peduncle, the base is leafy. The peduncle is stellate. Flowers white, green-veined, 4–5 mm long, linear-oblong or oblong-lanceolate, acuminate.

Stamens  $\frac{1}{4}$  times longer than the calyx, fused with each other and the calyx at the base, outer ones ligulate, inner ones 2 times wider than the outer ones at the base and oblong-ovate, toothed at the base, acuminate wider than the calyx leaves. Column shorter than the calyx. Calyx three-sided globose, 5 mm in diameter.



**Figure 2:** General view of the Mixed onion (*Allium praemixtum* Vved.) species

Mixed onion (*Allium praemixtum* Vved.) is included in the “Red Book” of the Republic of Uzbekistan as a rare endemic plant. [4]

Mixed onion (*Allium praemixtum* Vved.) is included in the “Red Book” of the Republic of Uzbekistan as a rare endemic species. A detailed study of this species is of great importance in taking measures to preserve its population in nature and preserving biodiversity.

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