THE LEVEL OF RARITY OF REPRESENTATIVES OF THE FAMILY ALLIACEAE ON THE PREVALENCE IN THE FERGANA VALLEY

Foziljonov Shukrullo

Student of Andijan state university

shukrullofoziljonov@gmail.com;

Article history:	Abstract:
<p>Received: 1st March 2021</p> <p>Accepted: 7th March 2021</p> <p>Published: 28th April 2021</p>	<p>When studying each rare species of plant, the study of them on the basis of a certain order, that is, into a certain group, increases the efficiency. For example: a distributed area is a common, similar to a living environment, or a factor that multiplies in a similar way or, on the contrary, affects a decrease, etc. In this article, the generality of the families of plants was taken as a unit. The reasons for this are several: in plants belonging to the same family, basically the living environment, the distribution area and even the factor that affects the decrease will also be similar. In this work, we study the rare species of the family <i>Alliaceae</i>, which are distributed in the Fergana Valley.</p>
<p>Keywords: Red book, rare plants, Fergana valley, Uzbekistan.</p>	

INTRODUCTION

1. Oloy piyoz[uzb]-*Allium alaicum*[lat]-Лук алайский[rus]. Very rare endemic species of the Alay range. These species were found nearby the village Imomata, the Alay range (the Andizhan region). Inhabits soil slopes with shrubs 600 m. s. l. 2 populations with about 50 plants were found. Limiting factors: pasturing. Measures of protection: not protected.

2. Yashil gulli piyoz[uz]-*Allium viridiflorum*[lat]- Лук зеленоцветковый[rus]. Very rare endemic species of the Chatkal range. These species have been recently found nearby the village Poromon, the Chatkal range (the Namangan region). Inhabits stony slopes in the lower mountain belt. Only one population (about 20 plants) was found. Limiting factors: pasturing. Measures of protection: not protected[1].

MAIN PART

Allium alaicum[fig.1.]

Brief description. Onion 1-2 cm wide, dark, papery crusty Poyasi 30-60 cm long, hairy, the lower part bent downwards. Leaves 2-3, pen-shaped, width 10-15 mm, thickly covered with feathers bent downwards, shorter than the stem. The umbrella is multi-flowered, almost spherical, 30-40 mm in diameter. Flower bands are equal, no petals. The star-shaped fragments are white, crimson, 6 mm long, pencil, blunt, and then bent downwards. The powder strip is 6 mm long, glabrous. The box is spherical in diameter 4 mm. It blooms in June and the fruits ripen in July. Spread. Recently, Andijan region (10 km from the village of Imam-ota) south). From Uzbekistan outside Kyrgyzstan (Osh region). Growth conditions. Residue the soft soil of the mountains grows on the slopes.

Fig.1. a.umbrella; b.leaf; c.general view

Fig.2. Species

Allium alaicum Vved.

Location

Kyrgyzstan

Elevation

1150m

Basis of record

Preserved specimen

Dataset

[Herbarium GAT](#)

Publisher

[Leibniz Institute of Plant Genetics and Crop Plant Research \(IPK\)](#)

Collection match none Institution match fuzzy

Fig.3. Species

[Allium alaicum Vved.](#)

Location

Asia Uzbekistan

Basis of record

Preserved specimen

Specimen type

Holotype

Dataset

[Natural History Museum \(London\) Collection Specimens](#)

Publisher

[Natural History Museum](#)

Issues

Institution match fuzzy Institution collection mismatch

Allium viridiflorum[fig.4.]

Bulbs 1-2 cm wide, gray, thin-shelled. Bulbs shortened, few in number. Of the stem length 20-23 cm, width 1.0 mm. Leaves divided, 4-lobed, dense, The pencil has a short stalk with a pointed tip. Umbrella sparse, after flowering 7-9 cm wide. Inflorescences equal, fibrous, 4–5 cm long, at the base no petals, bent from bottom to top. A star-shaped rose The length of the pieces is 4-5 mm, green, equal, blunt, twisted after flowering will not remain. Powder threads shorter than a rose, basically with each other from added, toothless. A cup a little more than a rose longer, almost spherical, 3 seeded. Seeds round, black, honeycomb Spread. In 2013, from the Namangan region (2 km from the village of Poromon) on the north side). It grows in Kyrgyzstan outside of Uzbekistan. Growth conditions. In the foothills of the foothills grows.

Fig.4. Flowering plant. Kyrgyzstan, Chatkal Range, Sary-Chelek Nature Reserve. June 9, 2011
Georgy Lazkov © 2013

Fig.6. Species

[Allium viridiflorum Pobed.](#)

Location

Kyrgyzstan

Elevation

1400m ±100m

Basis of record

Preserved specimen

Dataset

[Herbarium GAT](#)

Publisher

[Leibniz Institute of Plant Genetics and Crop Plant Research \(IPK\)](#)

Issues

Collection match none Institution match fuzzy

Allium alaicum

- NCBI taxonomy ID : [543647](#)
- PlantList-ID : [kew-294927](#)
- IPNI plant ID : [527542-1](#)
- Tropicos ID : [18404519](#)
- Encyclopedia of Life ID : [1084221](#)
 - GBIF taxon ID : [2857506](#)
 - WCSPP ID : [294927](#)
- Plants of the World online ID : [urn:lsid:ipni.org:names:527542-1](#)
 - World Flora Online ID : [wfo-0000755558](#)
- Google Knowledge Graph ID : [/g/122zd92y](#)
 - Open Tree of Life ID : [1033447](#)

Allium viridiflorum

- PlantList-ID : [kew-296946](#)
- IPNI plant ID : [529123-1](#)
- Tropicos ID : [18404739](#)
- NCBI taxonomy ID : [604194](#)
- GBIF taxon ID : [2856408](#)
- Encyclopedia of Life ID : [1085103](#)
 - WCSPP ID : [296946](#)
- Plants of the World online ID : [urn:lsid:ipni.org:names:529123-1](#)
 - World Flora Online ID : [wfo-0000757731](#)
- Google Knowledge Graph ID : [/g/12mkyw8nb](#)
 - Open Tree of Life ID : [362436](#)

REFERENCES

1. Red Book of the Republic of Uzbekistan, Volume 2, TASHKENT-2016
2. Red Book of the Republic of Uzbekistan, Volume 2, TASHKENT-2009
3. E. Ro'zimatov; Sh. Foziljonov., "RARE PLANT TYPES OF FERGANA VALLEY" ATLAS DICTIONARY. TOSHKENT-2021. NAVRUZ
4. *Allium alaicum* Vved. in GBIF Secretariat (2021). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2021-05-02.
5. *Allium viridiflorum* Pobed. in GBIF Secretariat (2021). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2021-05-02.