



**PLANT SPECIES INCLUDED IN THE "RED BOOK " OF THE REPUBLIC OF
UZBEKISTAN IN THE FLORA OF THE ZAMIN AND NUROTA STATE
RESERVE**

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Abstract

This article provides information about plant species included in the "Red Book" of the Republic of Uzbekistan in the flora of the Zamin and Nurota State Reserves.

Keywords: flora, herbarium, species, medicinal, dyeing.

The taxonomic composition of the flora of the territory was determined as a result of field research carried out by Azimova during 2011-2016 and analysis of samples stored in the Central herbarium (TASH) fund of the Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan. In the flora of the Molguzar Ridge, 1,255 species were recorded, of which 84 families belong to the 465 category. Of these, 12 families of 24 species belonging to 16 categories were on the pages of the "Red Book" Of The Republic of Uzbekistan (2009).

As a result of A.S.Eshanqulov's field research, 1,192 plant species belonging to 530 families were recorded in the flora of the Zamin state reserve, of which 21 species were included in the "Red Book" of the Republic of Uzbekistan (2009).

In the flora of the Nurota state reserve by N.Yu. Beshko, 775 plant species belonging to 347 families were recorded, of which 18 species were included in the "Red Book" of the Republic of Uzbekistan (2009).

K.Sh. Tajibayev, N.Yu. Beshka, A.R. Batoshov, D.E. In the monograph "plant cadastre of the Jizzakh region" published by azimovas, 115 families of 642 plant species belonging to the 1983 category were identified in the flora of the Jizzakh region. The largest group of beneficial plants includes 563 species of feedbop plants, which are of great economic importance. 450 types of medicinal, 412 types of honey, 398 types of wild ornamental, 155 types of essential oil preservative, 140 types of food, 123 types of dye, 76 types of Technics are used as plants.

Plant species included in the "Red Book " Of The Republic of Uzbekistan in the flora of the Zamin and Nurota State Reserve

№	Type, family	Place of occurrence	Status
1	<i>Acantholimon nuratavicum</i> Zakirov – Nurota Hedgehog grass (<i>Plumbaginaceae</i>)	Nurota davlat qo'riqxonasi	2
2	<i>Aconitum talassicum</i> Popov – White parpi (<i>Ranunculaceae</i>)	Zamin State Reserve	3
3	<i>Allium isakulii</i> R.M. Fritschet F.O. Khass. – Isakul onion (<i>Alliaceae</i>)	Nurota State Reserve	2
4	<i>Allium praemixtum</i> Vved. – Mixed onion (<i>Alliaceae</i>)	Nurota State Reserve	1
5	<i>Anurapallidivirens</i> (M. Kult.) Tscherneva – Green anura (<i>Asteraceae</i>)	Nurota State Reserve	1
6	<i>Astragalus belolipovii</i> Kamelin ex F.O. Khass. Et N. Sulejm. – Belolipov astragali (<i>Fabaceae</i>)	Zamin State Reserve	1
7	<i>Astragalus kelleri</i> Popov – Keller astragali (<i>Fabaceae</i>)	Zamin State Reserve	2
8	<i>Astragalus knorringianus</i> Boriss. – Knorring astragali (<i>Fabaceae</i>)	Zamin State Reserve	2
9	<i>Astragalus leptophysus</i> Vved. – Pufak astragal (<i>Fabaceae</i>)	Zamin State Reserve	2
10	<i>Cicer grande</i> Korotkova – Large peas (<i>Fabaceae</i>)	Nurota State Reserve	2
11	<i>Cladium martii</i> (Roem. et Schult.) K. Richt. – Martius sword grass (<i>Cyperaceae</i>)	Zamin State Reserve	2
12	<i>Colchicum kesselringii</i> Regel – Kesselring savrinjoni (<i>Colchicaceae</i>)	Nurota State Reserve	3
13	<i>Cousinia dshizakensis</i> Kult. – Jizzax Karagi (<i>Asteraceae</i>)	Zamin State Reserve	2
14	<i>Cousinia haesitabunda</i> Juz. – Suspicious garrak (<i>Asteraceae</i>)	Zamin State Reserve	1
15	<i>Crocus alatavicus</i> Regel et Schmalh. Olatag saffron (<i>Iridaceae</i>)	Zamin State Reserve	3
16	<i>Eremurus chloranthus</i> Popov – Green shirach (<i>Asphodelaceae</i>)	Zamin State Reserve	0
17	<i>Eremurus lactiflorus</i> O. Fedtsch. – Akgulli shirach (<i>Asphodelaceae</i>)	Nurota State Reserve	2
18	<i>Eremurus nuratavicus</i> Khokhr. – Nurota shirachi (<i>Asphodelaceae</i>)	Nurota State Reserve	2
19	<i>Eremurus robustus</i> Regel – Nor shirach (<i>Asphodelaceae</i>)	Zamin State Reserve	3
20	<i>Ferula fedtschenkoana</i> Koso-Pol. – Fedchenko cow (<i>Apiaceae</i>)	Zamin State Reserve	1
21	<i>Ferula sumbul</i> (Kauffm.) Hook. fil. – hyacinth cow (<i>Apiaceae</i>)	Zamin and Nurota State Reserve	2
22	<i>Helichrysum nuratavicum</i> Krasch. – Nurota immortal (<i>Asteraceae</i>)	Nurota State Reserve	2
23	<i>Jurinea zakirovii</i> Iljin. – Zokirov yurineyasi (<i>Asteraceae</i>)	Nurota State Reserve	1
24	<i>Lagochilus inebrians</i> Bunge – Sarxush bozulbang (<i>Lamiaceae</i>)	Nurota State Reserve	2



25	<i>Lagochilus olgae</i> Kamelin – Olga bozulbangi (<i>Lamiaceae</i>)	Nurota State Reserve	2
26	<i>Lagochilus proskorjakovii</i> Ikramov – Proskoryakov is not broken (<i>Lamiaceae</i>)	Nurota State Reserve	1
27	<i>Lappula nuratavica</i> Nabiev et Zakirov – Light blue (<i>Boraginaceae</i>)	Nurota State Reserve	2
28	<i>Lepidium olgae</i> (R.M. Vinogr.) Al-Shehbaz et Mummenhoff. – Olga's Stubendorff (<i>Brassicaceae</i>)	Nurota State Reserve	2
29	<i>Lepidolopha nuratavica</i> H. Krasch. – Nurota lepidolophas (<i>Asteraceae</i>)	Nurota State Reserve	1
30	<i>Lonicera paradoxa</i> Pojark. - A strange triple (<i>Caprifoliaceae</i>)	Zamin State Reserve	1
31	<i>Oxytropis pseudorosea</i> Filim. – Pale pink oksitropis (<i>Fabaceae</i>)	Nurota State Reserve	2
32	<i>Paeonia hybrid</i> Pall. – Wild sallagul (<i>Paeoniaceae</i>)	Zamin State Reserve	3
33	<i>Phlomoides anisochila</i> (Pazij et Vved.) Salmaki – Three-legged Swan (<i>Lamiaceae</i>)	Nurota State Reserve	1
34	<i>Phlomis nubilans</i> Zakirov - Blindless Lamb (<i>Lamiaceae</i>)	Nurota State Reserve	2
35	<i>Pseudoclausia olgae</i> (Regel et Schmalh.) Botsch. – Olga false clausia (<i>Brassicaceae</i>)	Zamin and Nurota State Reserve	2
36	<i>Pseudoclausia sarawschanica</i> (Regel et Schmalh.) Botsch. – Zarafshan false clausia (<i>Brassicaceae</i>)	Nurota State Reserve	2
37	<i>Pseudosedum campanuliflorum</i> Boriss. - Bell-flowered purslane (<i>Crassulaceae</i>)	Zamin State Reserve	1
38	<i>Salvia submutica</i> Botsch. et Vved. - Blunt Marmara (<i>Lamiaceae</i>)	Nurota State Reserve	2
39	<i>Saxifraga hirculus</i> L. – Swamp stonecrop	Zamin State Reserve	2
40	<i>Serratula lancifolia</i> Zakirov – Cannabis serratula (<i>Asteraceae</i>)	Zamin State Reserve	1
41	<i>Seseli turbinatum</i> Korov. – Pildiraq kushshakh (<i>Apiaceae</i>)	Nurota State Reserve	2
42	<i>Silene paranadena</i> Bondarenko et Vved. – Beaded (<i>Caryophyllaceae</i>)	Nurota State Reserve	2
43	<i>Tulipa affinis</i> Botschantz. – Sister Tulip, Nurota Tulip (<i>Liliaceae</i>)	Zamin and Nurota State Reserve	2
44	<i>Tulipa dasystemon</i> (Regel) Regel. – Dusty strip hairy Tulip (<i>Liliaceae</i>)	Zamin State Reserve	2
45	<i>Tulipa korolkowii</i> Regel – Korolkov tulip (<i>Liliaceae</i>)	Zamin and Nurota State Reserve	2
46	<i>Tulipa lehmanniana</i> Mercklin – Lemann Tulip (<i>Liliaceae</i>)	Nurota State Reserve	3
47	<i>Tulipa micheliana</i> Th. Hoog, - tulip flower (<i>Liliaceae</i>)	Nurota State Reserve	2
48	<i>Vitis vinifera</i> L. – Wild Vine (<i>Vitaceae</i>)	Nurota State Reserve	2



In conclusion, there are 18 species on the territory of the Zamin State Reserve, 26 species on the territory of the Nurota State Reserve, 4 species on the territory of the Zamin and Nurota state reserves, of which there are species that have not been found in nature for several years, but are likely to be preserved only in certain places that are difficult to – 12 species, species that have been preserved under specific conditions only in certain small areas, but can quickly disappear and require serious Control – 29 species, species whose number and distribution areas are decreasing for a certain period of time for natural reasons or under the influence of the human factor – 6 species have been identified.

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