

Flora of Zanjan Province (NW Iran) based on botanical studies of the last decades

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ABSTRACT

In recent decades, significant taxonomic and floristic studies have been conducted in Zanjan Province and in the present study we aim to provide an orderly and updated list of plants collected in these studies. We analyzed 35 different studies conducted in the province. The scientific names of introduced plants and their authors were updated based on POWO and GBIF. The geographical distribution and native status of the plants were done by referring to the Flora of Iran, Flora Iranica, POWO and GBIF. A total of 1817 species and subspecies of vascular plants belonging to 548 genera and 92 families were listed. Among the endemic and sub-endemic species of Iran, 352 are found in this province and the endemic rate of the province is 19.25%. Asteraceae with 233 species (13% of all species) and 71 genera (13% of all genera), Fabaceae (270 species, 15% of all; 24 genera, 4.5% of all), Poaceae (136 species, 7.5% of all; 59 genera, 11% of all), Brassicaceae (118 species, 6.5% of all; 49 genera, 9% of all), Lamiaceae (103 species, 6% of all; 20 genera, 4% of all), Caryophyllaceae (92 species, 5% of all; 22 genera, 4% of all), Apiaceae (76 species, 4% of all; 40 genera, 7% of all), Rosaceae (66 species, 4% of all; 17 genera, 3% of all) and Boraginaceae (65 species, 4% of all; 25 genera, 5% of all) are the largest families that comprise approximately 65% of species ($n = 1160$) and 60% of genera ($n = 328$) of the vascular flora of Zanjan Province. *Astragalus* (with 173 species) is the largest genus in the flora of Zanjan Province. The results of this study show that, 15% of Iran's endemic *Astragalus* is present in Zanjan Province and 22% (more than one fifth) of the total inventory of the *Astragalus* in Zanjan Province are endemic to the province.

Keywords: Biodiversity; Irano-Turanian; mountainous province; vascular plants.

Article type: Review Article.

INTRODUCTION

Zanjan Province belongs to the Irano-Turanian floristic region (Zohary 1973) and due to its location at the intersection of two large mountain ranges, Alborz and Zagros, as well as its proximity to the lowlands of Central Iran and Azerbaijan, this province has a special geographical location and diverse characteristic of topography that as a result it has very diverse habitat conditions. The geobotanical situation of the area is not very clear and its flora is a complex combination of plant elements of different Phytochorion which increases the potential of speciation at the point of intersection (Takhtajan 1986). This province ends with the Alborz Mountain Range from the north and is affected by the Caspian climate through the southern mountains of Guilan, and the plant species in the northern part are affected by this special type of climate. On the south and southwest sides of this province, it is bordered by the Zagros Mountain Range, and as a result, it has elements of the flora of these areas. In the central region between these two regions, north and south, due to its location between the Alborz and Zagros mountain ranges, and due to the presence of calcareous and sometimes saline soils in some areas, the existing

vegetation has a semi-desert physiognomy (Musavi 2000). The history of botanical studies in Zanjan Province is mainly related to the collection of plant samples, which has been done sporadically since the beginning of the 19th century to date, and the results of which have been used in the “Flora Iranica” and “Flora of Iran” collections. Charles Paulus Belanger, Alexander von Bunge, Sandra Diane Knapp and Bernard Gilliat-Smith were among the first botanists who traveled to Zanjan and collected plants from the region. The rich flora of Zanjan Province has long been of interest to botanists, but most of our information about the flora of this province is related to the collections of foreign and domestic botanists in the past 60 years (Mahmoodi *et al.* 2022). During recent years, more floristic and taxonomic studies have been conducted in the province and several new taxa have been introduced from this province. Here we review results of the studies conducted on plants of Zanjan Province in the last decades:

In the collections that have been published from the flora of Iran, the number of species that were introduced from this province included 500 species until 2000, after the research plan of collection and identification of plants in Zanjan Province (Musavi 2000), the number of known species reached 961. Results of a floristic study of Khanchay Watershed showed that the flora of this area includes 57 families, 195 genera and 310 species (Musavi 2004a). The research project of collection and identification of medicinal plants of Zanjan Province was done during 2000-2003 and 217 medicinal plant species were identified. Before this study about 49 medicinal species had been identified in this province (Musavi 2004b). A floristic study was conducted in Abhar County by Vafadar *et al.* (2017), and the number of 310 plant species belonging to 53 families was determined in this area. Another study was conducted by Toghranegar & Vafadar (2020) in the central district of Zanjan county which introduced the 122 tree and woody shrub species. Mahmoodi *et al.* (2022) introduced the total amount of 809 taxa of vascular plants, in the study titled “Diversity of Vascular Plants in Damirli Mountains, Zanjan Province”. A floristic checklist of the Sorkhabad Protected Area, Zanjan presents a total of 540 taxa of vascular plants belonging to 303 genera and 71 families by Moghanloo *et al.* (2025), that 81 species of them were introduced as endemic to Iran in another study entitled “Diversity and distribution of endemic and threatened plant species in the Sorkhabad Protected Area, and identification of the biodiversity hotspots in the Area” (Moghanloo *et al.* 2023). Valuable taxonomic studies have also been conducted in Zanjan Province in the last decades. The most important of which are as follows:

In 2003, *Alcea arbelensis* var. *crassicaulis* (I. Riedl) Pakravan, introduced for Iran by Pakravan & Ghahreman. Ranjbar *et al.* (2006) in a study entitled “Notes on the taxonomy of *Hedysarum* L. (Fabaceae) in Iran” introduced *Hedysarum singarense* Boiss. & Hausskn., which was reported from Azerbaijan, Kurdistan and Zanjan, as a new record from Iran. *Serratula calcarea* Mozaff. of Rubiaceae Juss. was described as a new species of Iran by Mozaffarian in 2006. Razyfard *et al.* (2011) described *Allium mahneshanense* Razyfard, Zarre & R.M. Fritsch as a new species and endemic to Zanjan Province. In a study entitled “A contribution to the genus *Amberboa* (Pers.) Less. (Asteraceae, Cardueae, Centaureinae) from Iran” by Ranjbar & Negaresh (2013), *Amberboa zanjanica* Ranjbar & Negaresh is described and illustrated as a new species from Zanjan Province. *Myosotis diminuta* Grau is recorded for the first time for the flora of Iran, by Mahmoodi *et al.* (2015). It was rediscovered in 2013 in Zanjan Province in a wetland habitat far from its previously known habitat after not being documented for more than 100 years. Maassoumi (2013) described *Oxytropis mahneshanensis* Maassoumi as a new species from Zanjan Province at an altitude of 3000 meters. *Gypsophila pilosa* var. *glabra* Falat., F.Ghahrem. & Assadi was described in 2015 by Nejad Falatoury *et al.* as a new glabrous variety from Zanjan Province. Mahmoodi & Falatoury (2016) described and illustrated *Allochrysa lutea* Falat. & Mahmoodi as a new species from Zanjan Province. *Erysimum damirliense* Moazzeni & Mahmoodi (Brassicaceae Burnett), a new species from Zanjan and Ardebil provinces (northwest Iran) was reported and described by Mahmoodi *et al.* in 2017. Ranjbar, M & Ranjbar, Z, in 2017, in a taxonomic revision of *Cephalaria* sect. *Atrocephalae* introduced *Cephalaria qeydarensis* Ranjbar & Z. Ranjbar as a new species from Zanjan Province. *Euphorbia belgheisi* Pahlevani was described as a new alpine species from Zanjan Province by Pahlevani & Amini rad (2019) at Belgheis Mountain. *Silene lulakabadensis* Heidari, F. Ghahrem. & Assadi (Caryophyllaceae Juss.) was described as a new species from Zanjan Province, by Heidari *et al.* (2020). Zanjan Province, with diverse climatic and topographic conditions includes a considerable part of *Astragalus* L. gene pool and significant studies related to this genus have been conducted in this province. *Astragalus demonstratus* Maassoumi and *A. pediculariformis* Maassoumi sect. *Hymenostegis* Bunge were described as new species in Zanjan Province by Maassoumi (1994). Podlech and Maassoumi in 2003, described *Astragalus abharensis* Maassoumi & Podlech, *Astragalus khadem-kandicus* Maassoumi & Podlech, *Astragalus*

zanjanensis Podlech & Maassoumi of Sect. *incani* DC. and *Astragalus belgheisicoides* Podlech & Maassoumi and *Astragalus pileh-khasehensis* Podlech & Maassoumi of Sect. *Malacothrix* Bunge, as new species of Zanjan Province. *Astragalus alavaanus* Podlech (Sect. *Incani*) was described as a new species of Zanjan by Podlech in 2004. *Astragalus pendulipodus* Ranjbar & Karamian was described as a new species in 2005 by Karamian & Ranjbar and known from two localities of Zanjan Province. Zarre *et al.* (2005) introduced *Astragalus meshkinensis* Podlech as a new species of Zanjan Province. *Astragalus andabaddensis* Maassoumi, Bagheri & F. Ghahrem. an endemic to Zanjan Province was described as a new species by Ghahremaninejad & Bagheri in 2009. In a taxonomic revision of the genus *Astragalus* in Zanjan Province, as a results of this study, nine new species were described for the area and 116 distinct species of *Astragalus* were recognized (Bagheri *et al.* 2011a). *A. austromahnesanensis* F. Ghahrem., Maassoumi & Bagheri, *A. qeydarnabiensis* Bagheri, F. Ghahrem. & Maassoumi, *A. subkohrudicus* Maassoumi, F. Ghahrem. & Bagheri, and *A. subrecognitus* Bagheri, Maassoumi & F. Ghahrem. as new species of the genus *Astragalus* sect. *Hymenostegis* were described from Zanjan Province and *A. sosnowskyi* Grossh., was recorded for the first time from Iran in a study by Bagheri *et al.* 2011b. Ghahremaninejad *et al.* (2012) described *Astragalus dilutuloides* Maassoumi, F. Ghahrem. & Bagheri and *Astragalus montis-qeydari* F. Ghahrem., Maassoumi & Bagheri, as new species and endemic to the Zanjan. Three new *Astragalus* species from section *Malacothrix* Bunge, namely, *Astragalus neoiranshahrii* Maassoumi & Amini Rad, *Astragalus pseudocomosus* Maassoumi, F. Ghahrem. & Bagheri, and *Astragalus subaspadanus* Maassoumi, F. Ghahrem. & Bagheri were described in 2013 by Maassoumi *et al.* from Zanjan Province. *Astragalus remotispicatus* Bagheri & Maassoumi is a rare endemic of northwestern Iran described as a new species from Zanjan Province by Bagheri *et al.* in 2016. In addition, as another result of taxonomic studies of *Astragalus* sect. *Hymenostegis*, Bagheri *et al.* recognized nine new species of this genus from Zanjan in 2017. Considering that significant taxonomic and floristic studies have been carried out in Zanjan Province in the last decades which have improved the knowledge of botany and biodiversity in this province, so in this study, we intend to present an orderly and updated list of plants collected in these studies.

MATERIALS AND METHODS

The study area

Zanjan Province, with an area of 21773 square kilometers, is located in the northwest of Iran, between 35 degrees and 33 minutes to 37 degrees and 15 minutes of north latitude and 47 degrees and 10 minutes to 49 degrees and 26 minutes of east longitude (Fig. 1).

Topography and elevations

Zanjan Province is one of the mountainous provinces of Iran. The largest area of the province is located in the altitude class of 1800-2200 meters, which covers 39.2% of the total area of the province. The lowest area of altitude class is higher than 3000 meters, covering only 0.06% of the area of the province. The unevenness of the province generally includes the mountains and moorlands such as Talesh Mountains, Tarom Mountains, Karsaf-Saeed Abad Moorland, and also plain lands such as Zanjan and Abhar plains. The valley of the Zanjan River is the longest valley in the region (Ahmadi *et al.* 2024). In terms of geographical divisions, the northern mountains of Zanjan are a continuation of the Alborz Mountains and the southern mountains of Zanjan, are part of the Central Single Mountains. The direction of the mountains is naturally continuous from northwest to southeast.

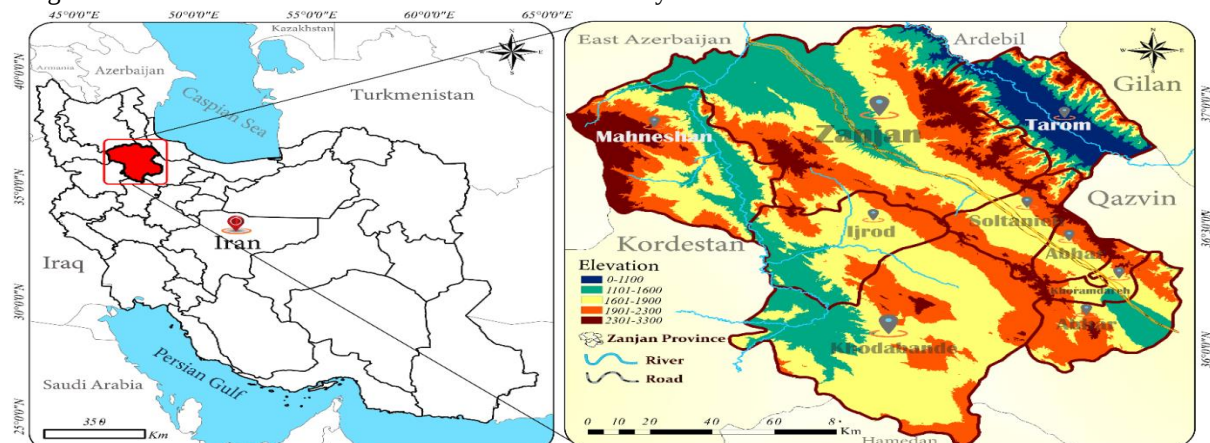


Fig. 1. The location of Zanjan Province in Iran and the variety of elevations in this region.

Climate

Zanjan Province is located between the prevailing northeast currents in summer and western rainy winds in winter. The difference between the cold continental air of Siberia and Central Asia and the successive influence of warm and humid Mediterranean air masses determine the climate of the province in the winter season. Very different climates can be identified in Zanjan Province. The weather and climatic conditions of the province affected by two important factors, namely the entry of huge moisture and heat fronts, and the topographic condition and altitude (Zhao *et al.* 2022). In general, the highlands have a cold mountainous climate, snowy and cold winters and temperate dry summers. In the meantime, Qezel Ozan valleys have a moderate climate in the winters and relatively hot summers. The average annual rainfall of Zanjan Province is between 200 and 400 mm in different areas. In terms of seasonal distribution, spring, autumn, winter and summer respectively have the largest share of annual rainfall. The most important factor in the difference of the rainfall amount in different parts of the province is the elevation and direction of the heights. The maximum daily rainfall occurs in the form of showers in spring. In general, most parts of the province are considered dry areas in terms of rainfall. In Fig. 2, the regions of the province that have the same average annual rainfall are shown in the isohyet map. The two famous local winds of the province are Meh and Shereh. The Meh, moves from north to south and transfers the moisture of the Caspian Sea to these areas and causes the air temperature to drop. The Shereh, moves from the southwest to the northeast and causes an increase in temperature in the summer, which causes a lot of damage to the agricultural products of the province. In more than 70% of its area, this province has a “Semi-arid” climate based on De Martonne and T&M climate classification systems or “Semi-arid Cold” based on Extended De Martonne method, and also placed in other similar climate classes such as “Cold to very Cold with moderate rainfall” or “Cold and Temperate Semi-arid” (Table 1). In the remaining 30% of its areas, it has diversity of the weather and climate such as “Mediterranean”, “Cold Arid”, “Sub Humid”, etc. (Abbasi *et al.* 2021; Najafi & Alizadeh 2023).

Table 1. The dominant climate in Zanjan Province based on different climate classification systems.

climate systems	classification	De Martonne	Extended De Martonne	T&M	IRIMO	based on PCs.		
climate classes		Semi-arid	Semi-arid Cold	Semi-arid	Cold to very cold with moderate rainfall	Cold and Semi-arid	Temperate	

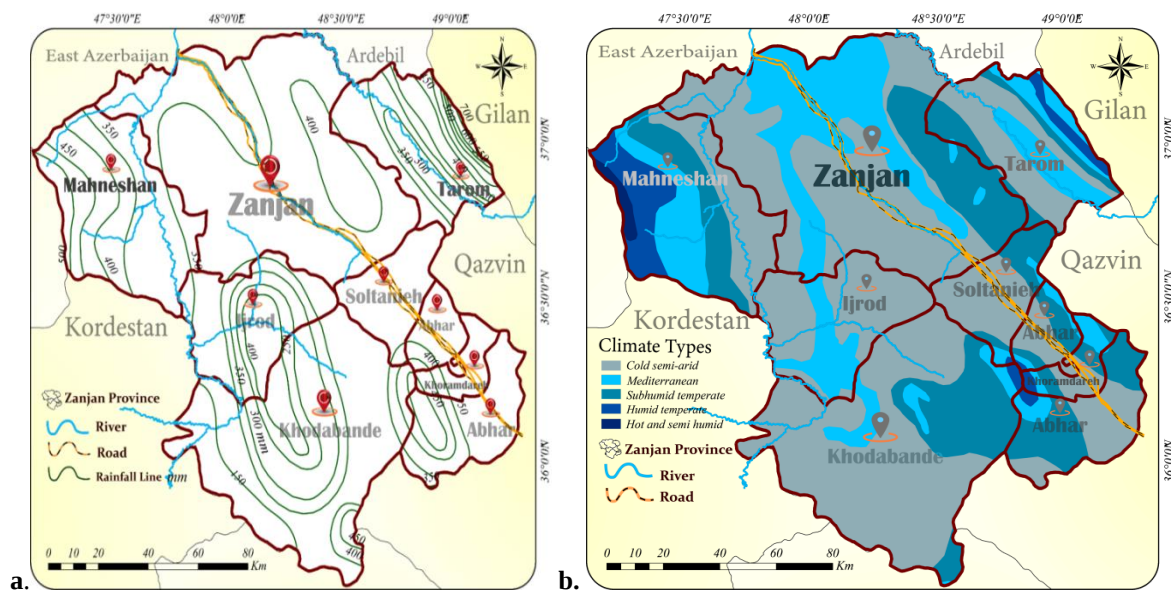


Fig. 2a. Isohyet map of average annual rainfall in Zanjan Province; **b.** Types of climate in Zanjan Province. (Based on information from Iran's meteorological website, in the last 10 years).

General geology

From the perspective of structural geology and sedimentary structural zones of Iran, two tectonic territories are dominant in Zanzan Province. The northeast of the province (Tarom Mountains) is a small part of the southern slopes of Alborz, while the vast expanse of the central and southern parts of the province belongs to the plate of Central Iran. Geological evidence indicates that the boundary between the two zones passes through Qazvin, Abhar and Zanzan plains. The northern elevations of Zanzan County, as a part of Western Alborz, have orogenic morphology. Most of the waste waters of these heights are discharged to the Caspian Sea through the Qezel Ozan and Sefidroud rivers. Magmatic intrusions of granite and coarse-grained granodiorite masses are from the typical geological characteristics of the magmatic highlands of the northern part of the province that have been injected to the Eocene volcanoclastic complexes (Karaj formation). Hence the masses have Eocene age and according to the regional evidence, a part of the intrusive rocks belongs to the Pyrenean orogeny that has been injected through the length and depth of the structures and faults of Tarom heights. The masses have petrological variety from gabbro, monzonite and granodiorite and even alkaline granite that exposed in Karaj Formation in the area. According to the injection into the Karaj formation, the age of these masses attributed to the Oligocene. The general trend of the geological structures, as well as other areas of the West Alborz is NW-SE (Mansouri *et al.* 2017).

Data collection methods

At first, we collected all the floristic and taxonomic studies conducted in the last decades in Zanzan Province and studied each of them. The scientific names of introduced plants and their authors were updated based on <https://powo.science.kew.org/> and <https://www.gbif.org/>. The geographical distribution and native status of the plants was done by referring to the Flora of Iran (Assadi 1988-2024), Flora Iranica (Rechinger 1963-2015), POWO and GBIF.

RESULTS AND DISCUSSION

In this study, 35 different taxonomic and floristic studies conducted in Zanzan Province as well as all 184 issues of the Flora of Iran book series (Assadi 1988-2024) were analyzed. Based on the results of these studies and the data available in the Flora of Iran, a total of 1817 species and subspecies of vascular plants belonging to 548 genera and 92 families were listed. Table 2 shows a list of vascular plants of Zanzan Province in alphabetical order. 352 species of all endemic and sub-endemic species of Iran are distributed in this province and according to the total number of flora; the endemic rate of the province is 19.25%. Based on the results presented in Table 2, 56 taxa are endemic or sub-endemic to Zanzan Province. The nine largest families that include a major part of plant diversity in the province, are shown in the Fig. 3.

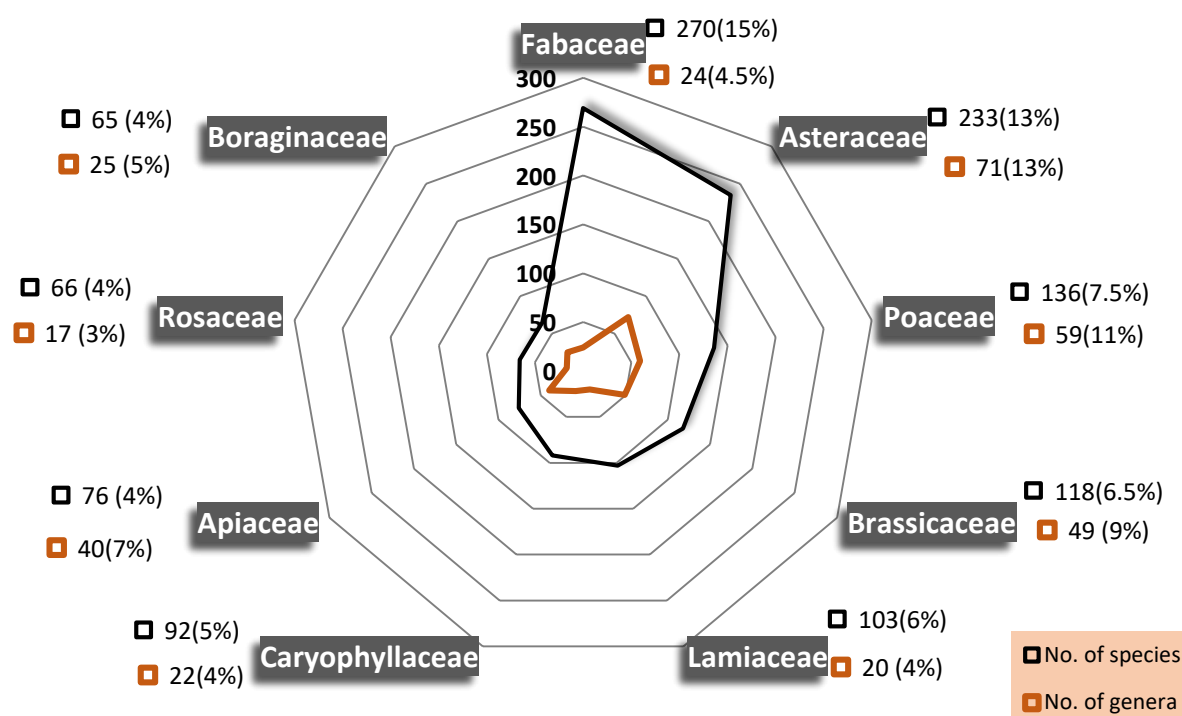


Fig. 3. The largest plant families that include a total of approximately 65% of species (1160 number) and 60% of genera (328 numbers) of the vascular flora of Zanjan Province.

Table 2. A checklist of vascular plants inventory (in alphabetical order) of Zanjan Province, NW Iran, based on the botanical studies of the last decades. Referenced study: (1) Moghanloo *et al.* 2025; (2) Musavi 2000; (3) Musavi 2004b; (4) Mahmoodi *et al.* 2022; (5) Toghranegar & Vafadar 2020; (6) Ghahremaninejad *et al.* 2012; (7) Nazer Kakhki 2013; (8) Musavi 2004a; (9) Bagheri *et al.* 2011b; (10) Bagheri *et al.* 2011; (11) Bagheri *et al.* 2017; (12) Ranjbar & Negaresh 2013; (13) Mozaffarian 2006; (14) Heidari Rikan 2020; (15) Ghahremaninejad & Bagheri 2009; (16) Ghahremaninejad & Bagheri 2012; (17) Pakravan & Ghahreman 2003; (18) Vafadar *et al.* 2018; (19) Ranjbar *et al.* 2006; (20) Mahmoodi *et al.* 2017; (21) Mahmoodi & Falatoury 2016; (22) Maassoumi 1994; (23) Podlech & Maassoumi 2003; (24) Podlech 2004; (25) Zarre *et al.* 2005; (26) Razyfard *et al.* 2011; (27) Mahmoodi *et al.* 2016; (28) Mahmoodi *et al.* 2015; (29) Nejad Falatoury *et al.* 2015; (30) Maassoumi 2013; (31) Pahlevani & Amini rad 2019; (32) Maassoumi *et al.* 2013; (33) Karamian & Ranjbar 2005; (34) Bagheri *et al.* 2016; (35) Ranjbar & Ranjbar 2017; (F) Flora of Iran, Assadi 1988-2024.

		Families and Species	Native status	Referenced studies
No. of genus	No. of Species			
		1. Alismataceae		
1	1	<i>Alisma gramineum</i> Lej.	Native to Iran	F.
	2	<i>Alisma Plantago-aquatica</i> L.	Native to Iran	F.
		2. Amaranthaceae		
2	3	<i>Akhania canescens</i> (Moq.) Sukhor.	Native to Iran	2, 4, 8
3	4	<i>Amaranthus albus</i> L.	Introduced into Iran	F.
	5	<i>Amaranthus blitoides</i> S.Watson	Introduced into Iran	F.
	6	<i>Amaranthus hybridus</i> L.	Introduced into Iran	18
	7	<i>Amaranthus retroflexus</i> L.	Introduced into Iran	2, 7, 18, F.
4	8	<i>Anthochlamys polygaloides</i> (Fisch. & C.A.Mey.) Moq.	Native to Iran	2, 4, 18, F.
5	9	<i>Atriplex aucheri</i> Moq.	Native to Iran	1, 4, 6, F.

	10	<i>Atriplex canescens</i> (Pursh) Nutt.	Introduced into Iran	2, 5
	11	<i>Atriplex tatarica</i> L.	Native to Iran	F.
	12	<i>Atriplex turcomanica</i> (Moq.) Boiss.	Native to Iran	2, 4, F.
	13	<i>Atriplex verrucifera</i> M.Bieb.	Native to Iran	F.
6	14	<i>Bassia hyssopifolia</i> (Pall.) Kuntze	Native to Iran	F.
	15	<i>Bassia prostrata</i> (L.) Beck	Native to Iran	2, 8, F.
	16	<i>Bassia scoparia</i> (L.) Beck	Native to Iran	F.
	17	<i>Bassia stellaris</i> (Moq.) Bornm.	Native to Iran	F.
7	18	<i>Blitum virgatum</i> subsp. <i>montanum</i> (Uotila) S.Fuentes, Uotila & Borsch	Subendemic to Iran	4
8	19	<i>Camphorosma monspeliaca</i> L.	Native to Iran	4, F.
9	20	<i>Caroxylon dendroides</i> (Pall.) Tzvelev	Native to Iran	2, F.
	21	<i>Caroxylon ericoides</i> (M.Bieb.) Akhani & Roalson	Native to Iran	F.
	22	<i>Caroxylon gemmascens</i> (Pall.) Tzvelev	Native to Iran	2, F.
	23	<i>Caroxylon incanescens</i> (C.A.Mey.) Akhani & Roalson	Native to Iran	2
	24	<i>Caroxylon laricinum</i> (Pall.) Tzvelev	Native to Iran	F.
	25	<i>Caroxylon nitrarium</i> (Pall.) Akhani & Roalson	Native to Iran	2
	26	<i>Caroxylon orientale</i> (S.G.Gmel.) Tzvelev	Native to Iran	3, 4, 8
10	27	<i>Ceratocarpus arenarius</i> L.	Native to Iran	1, 2, 4, 8, F.
11	28	<i>Chenopodium album</i> L.	Native to Iran	2, 3, 4, 6, 7, F.
12	29	<i>Chenopodium murale</i> (L.) S.Fuentes, Uotila & Borsch	Native to Iran	6
13	30	<i>Climacoptera crassa</i> (M.Bieb.) Botsch.	Native to Iran	F.
14	31	<i>Dysphania botrys</i> (L.) Mosyakin & Clemants	Native to Iran	1, 2, 3, F.
15	32	<i>Halanthium rarifolium</i> K.Koch	Native to Iran	2
16	33	<i>Halimocnemis malacophylla</i> (M.Bieb.) C.A.Mey.	Native to Iran	1, F.
	34	<i>Halimocnemis pilifera</i> Moq.	Native to Iran	F.
17	35	<i>Halocnemum strobilaceum</i> (Pall.) M.Bieb.	Native to Iran	F.
18	36	<i>Halothamnus auriculus</i> (Moq.) Botsch.	Native to Iran	2, F.
	37	<i>Halothamnus glaucus</i> (M.Bieb.) Botsch. subsp. <i>glaucus</i>	Native to Iran	F.
19	38	<i>Haloxylon ammodendron</i> (C.A.Mey.) Bunge ex Fenzl	Native to Iran	2
20	39	<i>Kaviria aucheri</i> (Moq.) Akhani	Native to Iran	2
	40	<i>Kaviria tomentosa</i> (Moq.) Akhani	Native to Iran	2, F.
21	41	<i>Krascheninnikovia ceratoides</i> (L.) Gueldenst.	Native to Iran	2, 4, 18, F.
22	42	<i>Noaea major</i> Bunge	Native to Iran	F.
	43	<i>Noaea mucronata</i> Asch. & Schweinf. subsp. <i>mucronata</i>	Native to Iran	4, 8, F.
	44	<i>Noaea tournefortii</i> (Spach) Moq.	Native to Iran	F.
23	45	<i>Oreosalsola montana</i> (Litv.) Akhani	Native to Iran	F.
24	46	<i>Oxybasis glauca</i> (L.) S.Fuentes, Uotila & Borsch	Native to Iran	F.
	47	<i>Oxybasis rubra</i> (L.) S.Fuentes, Uotila & Borsch	Native to Iran	1
25	48	<i>Salsola kali</i> L.	Native to Iran	1, 4, F.
26	49	<i>Petrosimonia glauca</i> Bunge	Native to Iran	F.
27	50	<i>Soda florida</i> (M.Bieb.) Akhani	Native to Iran	F.
	51	<i>Soda rosmarinus</i> (Bunge ex Boiss.) Akhani	Native to Iran	3
28	52	<i>Spinacia tetrandra</i> Steven ex M.Bieb.	Native to Iran	1
29	53	<i>Suaeda aegyptiaca</i> (Hasselq.) Zohary	Native to Iran	18
	54	<i>Suaeda altissima</i> (L.) Pall.	Native to Iran	F.
	55	<i>Suaeda heterophylla</i> (Kar. & Kir.) Bunge ex Boiss.	Native to Iran	F.
	56	<i>Suaeda arcuate</i> Bunge	Native to Iran	F.
	57	<i>Suaeda microphylla</i> Pall.	Native to Iran	F.
30	58	<i>Xylosalsola arbuscula</i> (Pall.) Tzvelev	Native to Iran	2, 3

		3. Amaryllidaceae		
31	59	<i>Allium akaka</i> S.G.Gmel. ex Schult. & Schult.f.	Endemic to Iran	1, 3
	60	<i>Allium alamutense</i> Razyfard, Zarre & R.M. Fritsch	Endemic to Iran	4, F.
	61	<i>Allium atroviolaceum</i> Boiss.	Native to Iran	4, 6, 18, F.
	62	<i>Allium bakhtiaticum</i> Regel	Endemic to Iran	4, F.
	63	<i>Allium dictyoprasum</i> C.A.Mey. ex Kunth	Native to Iran	1, 4, F.
	64	<i>Allium erubescens</i> K.Koch	Native to Iran	4
	65	<i>Allium iranikum</i> (Wendelbo) Wendelbo	Subendemic to Iran	4, F.
	66	<i>Allium latifolium</i> Jaub. & Spach	Endemic to Iran	2
	67	<i>Allium macrochaetum</i> Boiss. & Hausskn.	Native to Iran	F.
	68	<i>Allium mahneshanense</i> Razyfard, Zarre & R.M.Fritsch	Endemic to Zanjan, Iran	4, 26, F.
	69	<i>Allium graveolens</i> (R.M.Fritsch) R.M.Fritsch (In Moghanloo <i>et al.</i> 2025, referring to flora of Iran and Flora Iranica, it has been identified as <i>Allium materculae</i> Bordz., but with a more accurate identification and referring to Fritsch & Abbasi 2009; Fritsch <i>et al.</i> 2010, it was corrected to this name.)	Endemic to Iran	1
	70	<i>Allium noeanum</i> Reut. ex Regel	Native to Iran	4, F.
	71	<i>Allium phaneranthum</i> Boiss. & Hausskn.	Native to Iran	1, F.
	72	<i>Allium remediorum</i> (R.M.Fritsch) R.M.Fritsch	Endemic to Iran	F.
	73	<i>Allium rubellum</i> M.Bieb.	Native to Iran	4, F.
	74	<i>Allium scabriscapum</i> Boiss.	Native to Iran	1, 2, 4, 8, 18, F.
	75	<i>Allium schoenoprasum</i> L.	Native to Iran	2, 3, 4
	76	<i>Allium shelkovnikovii</i> Grossh.	Subendemic to Iran	1, F.
	77	<i>Allium stamineum</i> Boiss.	Native to Iran	2, 4, F.
	78	<i>Allium stipitatum</i> Regel	Native to Iran	4
	79	<i>Allium tripedale</i> Trautv.	Native to Iran	2
	80	<i>Allium vineale</i> L.	Native to Iran	4, F.
	81	<i>Allium ubipetrense</i> R.M.Fritsch	Endemic to Iran	4, F.
	82	<i>Allium umbilicatum</i> Boiss.	Native to Iran	18
	83	<i>Allium wendelboi</i> Matin	Endemic to Zanjan, Iran	4
	84	<i>Allium xiphopetalum</i> Aitch. & Baker	Native to Iran	4
		4. Anacardiaceae		
32	85	<i>Pistacia atlantica</i> Desf.	Native to Iran	1, 3, 8
33	86	<i>Rhus coriaria</i> L.	Native to Iran	3, 18
		5. Apiaceae		
34	87	<i>Anthriscus cerefolium</i> (L.) Hoffm.	Native to Iran	1
35	88	<i>Astrodaucus orientalis</i> (L.) Drude	Native to Iran	2, 8, F.
	89	<i>Astrodaucus persicus</i> (Boiss.) Drude	Native to Iran	1, 8, F.
36	90	<i>Bilacunaria microcarpos</i> (M.Bieb.) Pimenov & V.N.Tikhom.	Native to Iran	2, 4, 8, F.
37	91	<i>Bunium elegans</i> (Fenzl) Freyn	Native to Iran	18
	92	<i>Bunium paucifolium</i> DC.	Native to Iran	4
	93	<i>Bunium rectangulum</i> Boiss. & Hausskn.	Subendemic to Iran	1
38	94	<i>Bupleurum exaltatum</i> M.Bieb.	Native to Iran	2, 4, 8, F.
	95	<i>Bupleurum falcatum</i> L.	Native to Iran	2, 3
	96	<i>Bupleurum gerardi</i> All.	Native to Iran	18
	97	<i>Bupleurum lancifolium</i> Hornem.	Native to Iran	1
39	98	<i>Caucalis platycarpus</i> L.	Native to Iran	F.
40	99	<i>Chaerophyllum crinitum</i> Boiss.	Native to Iran	4, 18
	100	<i>Chaerophyllum macropodum</i> Boiss.	Native to Iran	1, 2, 4, 8, 18, F.

	101	<i>Chaerophyllum macrospermum</i> (Willd. ex Schult.) Fisch. & C.A.Mey. ex Hohen.	Native to Iran	4
41	102	<i>Conium maculatum</i> L.	Native to Iran	18
42	103	<i>Coriandrum sativum</i> L.	Native to Iran	2, 3
43	104	<i>Cymbocarpum anethoides</i> DC. ex C.A.Mey.	Native to Iran	1
44	105	<i>Daucus carota</i> L. subsp. <i>carota</i>	Native to Iran	4, 7, F.
45	106	<i>Dichoropetalum paucijugum</i> (DC.) Pimenov & Kljuykov	Subendemic to Iran	2, 8, F.
	107	<i>Dichoropetalum platycarpum</i> (Boiss.) Pimenov & Kljuykov	Native to Iran	4
46	108	<i>Echinophora platyloba</i> DC.	Endemic to Iran	1, 2, 3, 6, 18
	109	<i>Echinophora sibthorpiana</i> Guss.	Native to Iran	F.
47	110	<i>Elaeosticta allioides</i> (Regel & Schmalh.) Kljuykov, Pimenov & V.N.Tikhom.	Native to Iran	2
48	111	<i>Elwendia caroides</i> Boiss.	Native to Iran	4, 8
	112	<i>Elwendia cylindrica</i> (Boiss. & Hausskn.) Pimenov & Kljuykov	Native to Iran	2, 4, F.
49	113	<i>Eryngium billardierei</i> F.Delaroche	Native to Iran	1, 2, 4, 8, 18
	114	<i>Eryngium caeruleum</i> M.Bieb.	Native to Iran	1
	115	<i>Eryngium glomeratum</i> Lam.	Native to Iran	1
	116	<i>Eryngium iranikum</i> Mozaff.	Endemic to Iran	2
	117	<i>Eryngium noeanum</i> Boiss.	Endemic to Iran	1, 2, F.
	118	<i>Eryngium thyrsoideum</i> Boiss.	Native to Iran	18, F.
50	119	<i>Falcaria vulgaris</i> Bernh.	Native to Iran	1, 2, 3, 4, 6, 7, 8, F.
51	120	<i>Ferula gummosa</i> Boiss.	Subendemic to Iran	3
	121	<i>Ferula haussknechtii</i> H.Wolff ex Rech.f.	Native to Iran	18
	122	<i>Ferula macrocolea</i> (Boiss.) Boiss.	Endemic to Iran	2, 8
	123	<i>Ferula oopoda</i> (Boiss. & Buhse) Boiss.	Native to Iran	1
	124	<i>Ferula orientalis</i> L.	Native to Iran	2
	125	<i>Ferula ovina</i> Boiss.	Native to Iran	1
	126	<i>Ferula rigidula</i> Fisch. ex DC.	Native to Iran	F.
52	127	<i>Gongylosciadium falcarioides</i> (Bornm. & H.Wolff) Rech.f.	Native to Iran	F.
53	128	<i>Grammosciadium platycarpum</i> (Boiss. & Hausskn.) Schischk.	Native to Iran	1, 2, 4, 8, 18, F.
	129	<i>Grammosciadium pterocarpum</i> (Boiss.) Schischk.	Native to Iran	2
54	130	<i>Heptaptera anatolica</i> (Boiss.) Tutin	Native to Iran	18
	131	<i>Heptaptera anisopetala</i> (DC.) Tutin	Native to Iran	2, 8
55	132	<i>Heracleum persicum</i> Desf. ex Fisch., C.A.Mey. & Avé-Lall.	Native to Iran	1
56	133	<i>Laser carduchorum</i> (Hedge & Lamond) Wojew. & Spalik	Native to Iran	1
57	134	<i>Leiotulus porphyrodiscus</i> (Stapf & Wettst.) Pimenov & Ostr.	Endemic to Iran	2, 4, F.
	135	<i>Leiotulus secacul</i> (Mill.) Pimenov & Ostr.	Native to Iran	2, 3, 8, 18, F.
58	136	<i>Leutea petiolaris</i> (DC.) Pimenov	Endemic to Iran	2
59	137	<i>Lisaea heterocarpa</i> (DC.) Boiss.	Native to Iran	2, 4, 18
60	138	<i>Opopanax hispidus</i> (Friv.) Griseb.	Native to Iran	18
61	139	<i>Pimpinella aurea</i> DC.	Native to Iran	2, 4, 8
	140	<i>Pimpinella kotschyana</i> Boiss.	Native to Iran	2, F.
	141	<i>Pimpinella tragioides</i> (Boiss.) Benth. & Hook.f. ex Drude	Endemic to Iran	18
	142	<i>Pimpinella tragioides</i> subsp. <i>lithophila</i> (Schischk.) Tutin	Native to Iran	2, 4, 8, 18, F.
62	143	<i>Prangos acaulis</i> (DC.) Bornm.	Native to Iran	2, 4, 18, F.
	144	<i>Prangos ferulacea</i> (L.) Lindl.	Native to Iran	2, 4, 8, F.
	145	<i>Prangos gaubae</i> (Bornm.) Hernst. & Heyn	Endemic to Iran	2, 4
	146	<i>Prangos uloptera</i> DC.	Native to Iran	1, 2, 4, 18
63	147	<i>Scandix aucheri</i> Boiss.	Native to Iran	4
	148	<i>Scandix iberica</i> M.Bieb.	Native to Iran	1, 4, F.

	149	<i>Scandix pecten-veneris</i> L.	Native to Iran	6, 7
	150	<i>Scandix stellata</i> Banks & Sol.	Native to Iran	1, 4, 18
64	151	<i>Sium sisarum</i> L.	Native to Iran	2, 3, 4, 18
65	152	<i>Smyrniopsis aucheri</i> Boiss.	Native to Iran	1, 2, 4
66	153	<i>Smyrnum cordifolium</i> Boiss.	Native to Iran	1
67	154	<i>Stenotaenia nudicaulis</i> Boiss.	Endemic to Iran	2
68	155	<i>Torilis arvensis</i> subsp. <i>neglecta</i> (Schult.) Thell.	Native to Iran	1
	156	<i>Torilis leptophylla</i> (L.) Rchb.f.	Native to Iran	1, 2, 18
69	157	<i>Trigonosciadium tuberosum</i> Boiss.	Subendemic to Iran	2
70	158	<i>Trinia leiogona</i> (C.A.Mey.) B.Fedtsch.	Native to Iran	4
71	159	<i>Turgenia latifolia</i> (L.) Hoffm.	Native to Iran	1, 2, 4, 6, 7 18, F.
	160	<i>Turgenia lisaeoides</i> C.C.Towns.	Native to Iran	2
72	161	<i>Zeravschania membranacea</i> (Boiss.) Pimenov	Endemic to Iran	F.
73	162	<i>Zosima absinthiifolia</i> (Vent.) Link	Native to Iran	4, F.
		6. Apocynaceae		
74	163	<i>Apocynum venetum</i> L.	Native to Iran	3, 5
75	164	<i>Cynanchum acutum</i> L.	Native to Iran	1, 2, F.
76	165	<i>Periploca graeca</i> L.	Native to Iran	2, 3
77	166	<i>Vinca herbacea</i> Waldst. & Kit.	Native to Iran	1, 8
		7. Apodanthaceae		
78	167	<i>Pilostyles haussknechtii</i> Boiss.	Native to Iran	4
		8. Araceae		
79	168	<i>Arum rupicola</i> var. <i>virescens</i> (Stapf) P.C. Boyce	Native to Iran	2
		9. Asparagaceae		
80	169	<i>Asparagus persicus</i> Baker	Native to Iran	2, F.
	170	<i>Asparagus verticillatus</i> L.	Native to Iran	2, F.
81	171	<i>Bellevalia glauca</i> (Lindl.) Kunth	Native to Iran	4, F.
	172	<i>Bellevalia multicolor</i> Wendelbo	Endemic to Zanzan, Iran	F.
	173	<i>Bellevalia paradoxa</i> (Fisch. & C.A.Mey.) Boiss.	Native to Iran	8, F.
82	174	<i>Muscari caucasicum</i> (Griseb.) Baker	Native to Iran	1, 2, 8, F.
	175	<i>Muscari comosum</i> (L.) Mill.	Native to Iran	F.
	176	<i>Muscari longipes</i> Boiss.	Native to Iran	4, F.
	177	<i>Muscari microstomum</i> P.H.Davis & D.C.Stuart (In the flora of Türkiye and the POWO website, it is considered Endemic to Türkiye, but in the flora of Iran, it is written that it grows in several locations in Zanzan Province.)	Native to Iran	F.
	178	<i>Muscari neglectum</i> Guss. ex Ten.	Native to Iran	1, 2, 4, 6, 7, F.
	179	<i>Muscari tenuiflorum</i> Tausch	Native to Iran	4
83	180	<i>Ornithogalum arcuatum</i> Steven	Native to Iran	F.
	181	<i>Ornithogalum boissieri</i> Bidarlord & F.Ghahrem. (The first record after being introduced as a new species)	Endemic to Iran	1
	182	<i>Ornithogalum cuspidatum</i> Bertol.	Native to Iran	1, 4
	183	<i>Ornithogalum narbonense</i> L.	Native to Iran	1, 2, 4, 8, F.
	184	<i>Ornithogalum oligophyllum</i> E.D.Clarke	Native to Iran	1
	185	<i>Ornithogalum orthophyllum</i> Ten.	Native to Iran	1, 4, F.
	186	<i>Ornithogalum pycnanthum</i> Wendelbo	Endemic to Iran	8
84	187	<i>Puschkinia scilloides</i> Adams	Native to Iran	1, 4, F.
85	188	<i>Scilla siberica</i> Andrews	Native to Iran	8
		10. Asphodelaceae		

86	189	<i>Eremurus inderiensis</i> (M.Bieb.) Regel	Native to Iran	1, 4, F.
	190	<i>Eremurus kopet-daghensis</i> Karrer	Subendemic to Iran	1, F.
	191	<i>Eremurus olgae</i> Regel	Native to Iran	2, 4, F.
	192	<i>Eremurus spectabilis</i> M.Bieb.	Native to Iran	1, 2, 4, F.
		11. Asteraceae		
87	193	<i>Achillea arabica</i> Kotschy	Native to Iran	18
	194	<i>Achillea millefolium</i> L.	Native to Iran	3, 6, 7, 8, 18
	195	<i>Achillea setacea</i> Waldst. & Kit.	Native to Iran	1, 2, 4
	196	<i>Achillea talagonica</i> Boiss.	Endemic to Iran	2
	197	<i>Achillea tenuifolia</i> Lam.	Native to Iran	1, 2, 4, 8, F.
	198	<i>Achillea teretifolia</i> Willd.	Native to Iran	18
	199	<i>Achillea vermicularis</i> Trin.	Native to Iran	1, 2, 4, 6, 8, F.
	200	<i>Achillea wilhelmsii</i> K.Koch	Native to Iran	1, 2, 4, F.
88	201	<i>Amberboa sosnovskyi</i> Iljin	Subendemic to Iran	1, F.
	202	<i>Amberboa turanica</i> Iljin	Native to Iran	4
	203	<i>Amberboa zanzjanica</i> Ranjbar & Negaresh	Endemic to Iran	12
89	204	<i>Anthemis atropatana</i> Iranshahr	Endemic to Iran	2
	205	<i>Anthemis gilanic</i> Bornm. & Gauba	Endemic to Iran	2
	206	<i>Anthemis haussknechtii</i> Boiss. & Reut.	Native to Iran	1, 4
	207	<i>Anthemis hyalina</i> DC.	Native to Iran	1, 4
90	208	<i>Arctium lappa</i> L.	Native to Iran	1, 2, 3, 18
91	209	<i>Artemisia aucheri</i> Boiss.	Native to Iran	2
	210	<i>Artemisia chamaemelifolia</i> Vill.	Native to Iran	2
	211	<i>Artemisia fragrans</i> Willd.	Native to Iran	2, 3, F.
	212	<i>Artemisia haussknechtii</i> Boiss.	Native to Iran	4
	213	<i>Artemisia incana</i> Druce	Native to Iran	1, 2, 4, F.
	214	<i>Artemisia scoparia</i> Waldst. & Kit.	Native to Iran	2, 3, F.
	215	<i>Artemisia sieberi</i> Besser	Native to Iran	2, 8, 18
	216	<i>Artemisia spicigera</i> K.Koch	Subendemic to Iran	2, 8
	217	<i>Artemisia splendens</i> Willd.	Native to Iran	F.
92	218	<i>Aster altaicus</i> Willd.	Native to Iran	3
93	219	<i>Bellis perennis</i> L.	Native to Iran	6
94	220	<i>Bidens tripartita</i> L.	Native to Iran	F.
95	221	<i>Calendula arvensis</i> L.	Native to Iran	1, 2
96	222	<i>Callicephalus nitens</i> (M.Bieb. ex Willd.) C.A.Mey.	Native to Iran	1
97	223	<i>Carduus onopordioides</i> Fisch. ex. M.Bieb.	Native to Iran	4, F.
	224	<i>Carduus pycnocephalus</i> L.	Native to Iran	1, 2, F.
98	225	<i>Carpesium abrotanoides</i> L.	Native to Iran	2
99	226	<i>Carthamus oxyacanthus</i> M.Bieb.	Native to Iran	1, 2, 4, 6, 7
100	227	<i>Centaurea albonitens</i> Turrill	Subendemic to Iran	2, 4
	228	<i>Centaurea assadii</i> Ranjbar & Negaresh	Endemic to Iran	1
	229	<i>Centaurea aucheri</i> (DC.) Wagenitz subsp. <i>aucheri</i>	Native to Iran	2, 4, 8, 18, F.
	230	<i>Centaurea behen</i> L.	Native to Iran	2, 3, 4, 8
	231	<i>Centaurea benedicta</i> (L.) L.	Native to Iran	1, 2, 3, 18
	232	<i>Centaurea bruguieriana</i> (DC.) Hand.-Mazz.	Native to Iran	1
	233	<i>Centaurea calcitrapa</i> L.	Native to Iran	1
	234	<i>Centaurea cheiranthifolia</i> Willd.	Native to Iran	18
	235	<i>Centaurea depressa</i> M.Bieb.	Native to Iran	1, 2, 4, 6, 7, 18
	236	<i>Centaurea elbrusensis</i> Boiss. & Buhse	Subendemic to Iran	2
	237	<i>Centaurea iberica</i> Trevirs. ex Spreng.	Native to Iran	2, 4, F.

	238	<i>Centaurea kotschyi</i> (Boiss.) Hayek	Native to Iran	F.
	239	<i>Centaurea ovina</i> Pall. ex Willd.	Native to Iran	2, 8
	240	<i>Centaurea persica</i> Boiss.	Native to Iran	18
	241	<i>Centaurea pseudoscabiosa</i> Boiss. & Buhse	Native to Iran	2, 4, F.
	242	<i>Centaurea pterocaula</i> subsp. <i>iranica</i> Wagenitz	Endemic to Iran	2, 4, F.
	243	<i>Centaurea pulchella</i> Ledeb.	Native to Iran	4
	244	<i>Centaurea solstitialis</i> L.	Native to Iran	2, 3, 8, 18
	245	<i>Centaurea triumphettii</i> All.	Native to Iran	2, 4
	246	<i>Centaurea virgata</i> Lam.	Native to Iran	1, 2, 4, 8, 18, F.
101	247	<i>Chardinia orientalis</i> (L.) Kuntze	Native to Iran	1, 4, 18
102	248	<i>Cicerbita microcephala</i> (DC.) M.Güzel, Coşkunç. & N.Kilian	Native to Iran	1
	249	<i>Cicerbita persica</i> Beauverd	Native to Iran	2
103	250	<i>Cichorium intybus</i> L.	Native to Iran	1, 3, 4, 6, 18
	251	<i>Cichorium pumilum</i> Jacq.	Native to Iran	1, 4
104	252	<i>Cirsium arvense</i> (L.) Scop.	Native to Iran	2, 4, 7, 18
	253	<i>Cirsium arvense</i> var. <i>vestitum</i> Wimm. & Grab.	Native to Iran	1, 3
	254	<i>Cirsium canum</i> (L.) All.	Native to Iran	2
	255	<i>Cirsium echinus</i> (M.Bieb.) Hand.-Mazz.	Native to Iran	4
	256	<i>Cirsium hygrophilum</i> Boiss.	Native to Iran	2, 4
	257	<i>Cirsium vulgare</i> (Savi) Ten.	Native to Iran	18
105	258	<i>Chondrilla juncea</i> L. var. <i>juncea</i>	Native to Iran	4, F.
106	259	<i>Cota austriaca</i> (Jacq.) Sch.Bip.	Native to Iran	4, F.
	260	<i>Cota coelopoda</i> (Boiss.) Boiss.	Native to Iran	F.
	261	<i>Cota tinctoria</i> (L.) J.Gay	Native to Iran	2, 3, 8, 18, F.
	262	<i>Cota triumphetti</i> (L.) J.Gay	Native to Iran	1, 2, F.
107	263	<i>Cousinia albescens</i> C.Winkl. & Strauss	Endemic to Iran	4
	264	<i>Cousinia belangeri</i> DC.	Endemic to Iran	2
	265	<i>Cousinia boissieri</i> Buhse	Native to Iran	4
	266	<i>Cousinia calocephala</i> Jaub. & Spach	Subendemic to Iran	2, 4, 8, 18
	267	<i>Cousinia chrysacantha</i> Jaub. & Spach	Endemic to Iran	1, 4
	268	<i>Cousinia cylindracea</i> Boiss.	Endemic to Iran	2, 4, 18
	269	<i>Cousinia lepida</i> Bunge ex Boiss.	Endemic to Iran	1, 2
	270	<i>Cousinia multiloba</i> DC.	Native to Iran	2, 8
	271	<i>Cousinia seidlitzii</i> Bunge	Endemic to Iran	1
	272	<i>Cousinia stenocephala</i> Boiss.	Native to Iran	18
108	273	<i>Crepis foetida</i> L.	Native to Iran	2, F.
	274	<i>Crepis kotschyana</i> (Boiss.) Boiss.	Native to Iran	2, 4, 8
	275	<i>Crepis sancta</i> (L.) Bornm.	Native to Iran	1, 2, 4, 18, F.
109	276	<i>Crupina crupinastrum</i> (Moris) Vis.	Native to Iran	2, 4, 18, F.
	277	<i>Crupina vulgaris</i> Pers. ex Cass.	Native to Iran	1, 2, 8
110	278	<i>Dittrichia graveolens</i> (L.) Greuter	Native to Iran	F.
111	279	<i>Doronicum dolichotrichum</i> Cavill.	Native to Iran	F.
112	280	<i>Echinops acantholepis</i> Jaub. & Spach	Native to Iran	1, 4, F.
	281	<i>Echinops chardinii</i> Boiss. & Buhse	Subendemic to Iran	2
	282	<i>Echinops dichrous</i> Boiss. & Hausskn.	Endemic to Iran	6
	283	<i>Echinops ecbatanus</i> Bornm. ex Rech.f.	Endemic to Iran	F.
	284	<i>Echinops haussknechtii</i> Boiss.	Subendemic to Iran	1, 2, 4, 8, F.
	285	<i>Echinops orientalis</i> Trautv.	Native to Iran	F.
	286	<i>Echinops pungens</i> Trautv.	Native to Iran	2, 3, 8
	287	<i>Echinops ritrodes</i> Bunge	Subendemic to Iran	3, 4, 8, F.

	288	<i>Echinops tournefortii</i> Ledeb. ex Trautv.	Native to Iran	4
113	289	<i>Erigeron acris</i> L. subsp. <i>arctophilus</i> (Rech.f.) Rech.f.	Endemic to Iran	4
	290	<i>Erigeron acris</i> L. subsp. <i>asadbarensis</i> (Vierh.) Rech.f.	Native to Iran	2, 4
114	291	<i>Eupatorium cannabinum</i> L.	Native to Iran	2, 3
115	292	<i>Filago arvensis</i> L.	Native to Iran	4
	293	<i>Filago desertorum</i> Pomel	Native to Iran	1
	294	<i>Filago griffithii</i> (A.Gray) Andres-Sanchez & Galbany	Native to Iran	F.
	295	<i>Filago pyramidata</i> L.	Native to Iran	7
116	296	<i>Garhadiolus hedypnois</i> Jaub. & Spach	Native to Iran	4, 18, F.
117	297	<i>Gelasia cinerea</i> (Boiss.) Zaika, Sukhor. & N.Kilian	Native to Iran	1, 2
	298	<i>Gelasia lanata</i> (L.) Zaika, Sukhor. & N.Kilian	Native to Iran	2, 4
	299	<i>Gelasia latifolia</i> (Fisch. & C.A.Mey.) Zaika, Sukhor. & N.Kilian	Native to Iran	2, 8, F.
	300	<i>Gelasia ramosissima</i> (DC.) Zaika, Sukhor. & N.Kilian	Native to Iran	F.
	301	<i>Gelasia veratrifolia</i> (Fenzl) E.Hatami, N.Kilian & K.E.Jones	Native to Iran	2, 4, 8
118	302	<i>Gundelia tournefortii</i> L.	Native to Iran	1, 2, 3, 4, 8, 18
119	303	<i>Helichrysum arenarium</i> subsp. <i>rubicundum</i> (K.Koch) P.H.Davis & Kupicha	Native to Iran	1, 4, F.
	304	<i>Helichrysum armenium</i> DC.	Native to Iran	4
	305	<i>Helichrysum globiferum</i> Boiss.	Subendemic to Iran	4
	306	<i>Helichrysum graveolens</i> (M.Bieb.) Sweet	Native to Iran	1
	307	<i>Helichrysum oligocephalum</i> DC.	Subendemic to Iran	1, 2, 4, 8, 18
	308	<i>Helichrysum ocephalum</i> Boiss.	Subendemic to Iran	2
	309	<i>Helichrysum psychophilum</i> Boiss.	Native to Iran	2, 4
120	310	<i>Inula aucheriana</i> DC.	Native to Iran	1
	311	<i>Inula helenium</i> L.	Native to Iran	1, 2, 3, 4, 8
	312	<i>Inula peacockiana</i> (Aitch. & Hemsl.) Korovin	Native to Iran	1, 2, 8
121	313	<i>Iranecio paucilobus</i> (DC.) B.Nord.	Native to Iran	2
122	314	<i>Jacobaea mollis</i> (Willd.) B.Nord.	Native to Iran	2, 4
123	315	<i>Jurinea carduiiformis</i> (Jaub. & Spach) Boiss.	Native to Iran	1
	316	<i>Jurinea giviensis</i> Mirtadz.	Endemic to Iran	4
	317	<i>Jurinea heterophylla</i> (Jaub. & Spach) Boiss.	Endemic to Iran	4
	318	<i>Jurinea macrocephala</i> DC.	Subendemic to Iran	4, 18, F.
124	319	<i>Klasea calcarea</i> (Mozaff.) Ranjbar & Negaresh	Endemic to Iran	13, F.
	320	<i>Klasea coriacea</i> (Fisch. & C.A.Mey. ex DC.) Holub	Native to Iran	F.
	321	<i>Klasea haussknechtii</i> (Boiss.) Holub	Native to Iran	2, 8
	322	<i>Klasea latifolia</i> (Boiss.) L.Martins	Native to Iran	2
125	323	<i>Koelpinia linearis</i> Pall.	Native to Iran	1, 4
126	324	<i>Lactuca orientalis</i> (Boiss.) Boiss.	Native to Iran	1, 4, 7, 8, F.
	325	<i>Lactuca serriola</i> L.	Native to Iran	1, 3, 6, 7, F.
	326	<i>Lactuca takhtadzhianii</i> Sosn.	Subendemic to Iran	1, F.
	327	<i>Lactuca tatarica</i> (L.) C.A.Mey.	Native to Iran	F.
	328	<i>Lactuca tuberosa</i> Jacq.	Native to Iran	F.
127	329	<i>Lasiopogon muscoides</i> (Desf.) DC.	Native to Iran	4
128	330	<i>Leontodon asperimus</i> (Willd.) Endl.	Native to Iran	4, 18, F.
	331	<i>Leontodon hispidus</i> L.	Native to Iran	4
129	332	<i>Lophiolepis bornmuelleri</i> (Sint. ex Bornm.) Bureš, Del Guacchio, Iamónico & P.Caputo	Subendemic to Iran	4
	333	<i>Lophiolepis ciliata</i> subsp. <i>szovitsii</i> (K.Koch) Bureš, Del Guacchio, Iamónico & P.Caputo	Native to Iran	4

	334	<i>Lophiolepis haussknechtii</i> (Boiss.) Bureš, Del Guacchio, Iamonico & P.Caputo	Native to Iran	1, 2, 4, F.
	335	<i>Lophiolepis lappacea</i> (M.Bieb.) Del Guacchio, Bureš, Iamonico & P.Caputo subsp. <i>lappacea</i>	Native to Iran	18
	336	<i>Lophiolepis lappacea</i> subsp. <i>anatolica</i> (Petr.) Del Guacchio, Bureš, Iamonico & P.Caputo	Native to Iran	2, 8
	337	<i>Lophiolepis sorocephala</i> subsp. <i>congesta</i> (Fisch. & C.A.Mey. ex DC.) Bureš, Del Guacchio, Iamonico & P.Caputo	Native to Iran	2
	338	<i>Lophiolepis spectabilis</i> (DC.) Bureš, Del Guacchio, Iamonico & P.Caputo	Endemic to Iran	4
	339	<i>Lophiolepis strigosa</i> (M.Bieb.) Bureš, Del Guacchio, Iamonico & P.Caputo	Native to Iran	2, F.
130	340	<i>Matricaria aurea</i> (Loefl.) Sch.Bip.	Native to Iran	1
	341	<i>Matricaria chamomilla</i> L.	Native to Iran	6
131	342	<i>Oligochaeta divaricate</i> (DC.) K.Koch	Native to Iran	F.
	343	<i>Oligochaeta tomentosa</i> Czerep.	Subendemic to Iran	1
132	344	<i>Onopordum acanthium</i> L.	Native to Iran	4
	345	<i>Onopordum illyricum</i> L. subsp. <i>illyricum</i>	Native to Iran	8
133	346	<i>Pentanema britannica</i> (L.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort.	Native to Iran	18
	347	<i>Pentanema oculus-christi</i> (L.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort.	Native to Iran	2, 4, 8
	348	<i>Pentanema salicinum</i> (L.) D.Gut.Larr., Santos-Vicente, Anderb., E.Rico & M.M.Mart.Ort.	Native to Iran	2, 3
134	349	<i>Phonus lanatus</i> (L.) Hill	Native to Iran	2, 3
135	350	<i>Picnemon acarna</i> (L.) Cass.	Native to Iran	1, 4, 8, 18
136	351	<i>Picris strigosa</i> M.Bieb.	Native to Iran	8, 18, F.
137	352	<i>Pilosella auriculoides</i> (Láng) Arv.-Touv.	Native to Iran	4
	353	<i>Pilosella</i> × <i>maschukensis</i> (Litv. & Zahn) Soják	Native to Iran	4
	354	<i>Pilosella piloselloides</i> (Vill.) Soják	Native to Iran	4
	355	<i>Pilosella verruculata</i> (Link) Soják	Native to Iran	18
138	356	<i>Psephellus gilanicus</i> (Bornm.) Wagenitz	Endemic to Iran	1, 2, 4, 8, 18
	357	<i>Psephellus xanthocephalus</i> Fisch. & C.A.Mey. ex Boiss. subsp. <i>xanthocephalus</i>	Native to Iran	F.
139	358	<i>Pseudopodospermum calyculatum</i> (Boiss.) Zaika, Sukhor. & N.Kilian	Native to Iran	2, 4, 18, F.
	359	<i>Pseudopodospermum leptophyllum</i> (DC.) Kuth.	Native to Iran	4
	360	<i>Pseudopodospermum mucidum</i> (Rech.f., Aellen & Esfand.) Zaika, Sukhor. & N.Kilian	Subendemic to Iran	4
	361	<i>Pseudopodospermum papposum</i> (DC.) Zaika, Sukhor. & N.Kilian	Native to Iran	1, 4, F.
	362	<i>Pseudopodospermum phaeopappum</i> (Boiss.) Zaika, Sukhor. & N.Kilian	Native to Iran	2, 3, 4, 8, 18
	363	<i>Pseudopodospermum tunicatum</i> (Rech.f. & Köie) E.Hatami, N.Kilian & K.E.Jones	Native to Iran	1
	364	<i>Pseudopodospermum turkeviczii</i> (Krasch. & Lipsch.) Kuth.	Native to Iran	4
140	365	<i>Psychrogeton aucheri</i> (DC.) Grierson	Native to Iran	4
	366	<i>Psychrogeton nigromontanus</i> (Boiss. & Buhse) Grierson	Native to Iran	F.
141	367	<i>Pulicaria gnaphalodes</i> (Vent.) Boiss.	Native to Iran	4, F.
142	368	<i>Rhagadiolus stellatus</i> (L.) Gaertn.	Native to Iran	F.
143	369	<i>Rhaponticum repens</i> (L.) Hidalgo	Native to Iran	1, 2, 4, 6, 7, 18

144	370	<i>Sclerorhachis platyrachis</i> (Boiss.) Podlech ex Rech.f.	Endemic to Iran	1
145	371	<i>Scorzonera armeniaca</i> (Boiss. & A.Huet) Boiss.	Native to Iran	4, F.
	372	<i>Scorzonera laciniata</i> L.	Native to Iran	2, 4
	373	<i>Scorzonera meshhedensis</i> (Rech.f.) Rech.f.	Native to Iran	F.
	374	<i>Scorzonera parviflora</i> Jacq.	Native to Iran	F.
	375	<i>Scorzonera persepolitana</i> Boiss.	Subendemic to Iran	4, F.
	376	<i>Scorzonera renzii</i> Rech.f.	Endemic to Zanjan, Iran	F.
146	377	<i>Senecio glaucus</i> L.	Native to Iran	1, 2, 8, 18, F.
	378	<i>Senecio paulsenii</i> O.Hoffm. subsp. <i>khorsanicus</i> (Rech.f. & Aell.) B.Nord.	Native to Iran	4
	379	<i>Senecio pseudoorientalis</i> Schischk.	Native to Iran	4, 18
	380	<i>Senecio vernalis</i> Waldst. & Kit.	Native to Iran	2, 4
	381	<i>Senecio vulgaris</i> L.	Native to Iran	2, 3
147	382	<i>Siebera nana</i> (DC.) Bornm.	Native to Iran	1, 2, 4
148	383	<i>Sonchus asper</i> (L.) Hill	Native to Iran	1, 2, 3
	384	<i>Sonchus maritimus</i> L.	Native to Iran	F.
	385	<i>Sonchus oleraceus</i> L.	Native to Iran	2, F.
	386	<i>Sonchus tenerrimus</i> L.	Native to Iran	6
149	387	<i>Symphyotrichum squamatum</i> (Spreng.) G.L.Nesom	Introduced into Iran	2
150	388	<i>Tanacetum aureum</i> (Lam.) Greuter, M.V.Agab. & Wagenitz var. <i>aureum</i>	Native to Iran	4
	389	<i>Tanacetum canescens</i> DC.	Native to Iran	4
	390	<i>Tanacetum kotschyi</i> (Boiss.) Grierson	Native to Iran	2, 4, F.
	391	<i>Tanacetum parthenium</i> (L.) Sch.Bip.	Native to Iran	2, 3, F.
	392	<i>Tanacetum pinnatum</i> Boiss.	Native to Iran	2, 4, 8
	393	<i>Tanacetum polycephalum</i> Sch.Bip.	Native to Iran	1, 2, 4, 8, 18, F.
	394	<i>Tanacetum tabrisianum</i> (Boiss.) Sosn. & Takht.	Native to Iran	4
151	395	<i>Taraxacum besarabicum</i> (Hornem.) Hand.-Mazz.	Native to Iran	6
	396	<i>Taraxacum juzepczukii</i> Schischk.	Native to Iran	1
	397	<i>Taraxacum pseudocalocephalum</i> Soest	Native to Iran	4
	398	<i>Taraxacum roseum</i> Bornm. ex Hand.-Mazz.	Native to Iran	2
	399	<i>Taraxacum sonchoides</i> (D.Don) Sch.Bip.	Native to Iran	2, 4, 6
	400	<i>Taraxacum syriacum</i> Boiss.	Native to Iran	1, 4, F.
152	401	<i>Thevenotia persica</i> DC.	Native to Iran	F.
	402	<i>Thevenotia scabra</i> Boiss.	Native to Iran	2
153	403	<i>Tragopogon acanthocarpus</i> Boiss.	Subendemic to Iran	F.
	404	<i>Tragopogon bornmuelleri</i> Ownbey & Rech.f. var. <i>bornmuelleri</i>	Native to Iran	4
	405	<i>Tragopogon buphthalmoides</i> (DC.) Boiss.	Native to Iran	2, 4, 8
	406	<i>Tragopogon caricifolius</i> Boiss.	Endemic to Iran	4
	407	<i>Tragopogon coelesyriacus</i> Boiss.	Native to Iran	4
	408	<i>Tragopogon collinus</i> DC.	Native to Iran	4
	409	<i>Tragopogon coloratus</i> C.A.Mey.	Native to Iran	F.
	410	<i>Tragopogon graminifolius</i> DC.	Native to Iran	1, 2, 3, 4, 6, F.
	411	<i>Tragopogon jesdianus</i> Boiss. & Buhse	Endemic to Iran	4
	412	<i>Tragopogon marginatus</i> Boiss. & Buhse	Subendemic to Iran	4, 6
	413	<i>Tragopogon montanus</i> S.A.Nikitin	Native to Iran	4
	414	<i>Tragopogon porphyrocephalus</i> Rech.f.	Endemic to Iran	1, 2
	415	<i>Tragopogon pterocarpus</i> DC.	Native to Iran	2, 4
	416	<i>Tragopogon reticulatus</i> Boiss. & A.Huet	Native to Iran	4, F.

	417	<i>Tragopogon rezaiyensis</i> Rech.f.	Endemic to Iran	F.
	418	<i>Tragopogon vvedenskyi</i> Popov	Native to Iran	4
154	419	<i>Tripleurospermum caucasicum</i> (Willd.) Hayek	Native to Iran	2
	420	<i>Tripleurospermum disciforme</i> (C.A.Mey.) Sch.Bip.	Native to Iran	4, 18
	421	<i>Tripleurospermum parviflorum</i> (Willd.) Pobed.	Native to Iran	4
155	422	<i>Tussilago farfara</i> L.	Native to Iran	1, 3, 4
156	423	<i>Xanthium spinosum</i> L.	Introduced into Iran	1, 18
	424	<i>Xanthium strumarium</i> L.	Native to Iran	3, 7
157	425	<i>Xeranthemum annuum</i> L.	Native to Iran	1, 4, 8, 18, F.
		12. Athyriaceae		
158	426	<i>Cystopteris alpina</i> (Lam.) Desv.	Native to Iran	F.
	427	<i>Cystopteris fragilis</i> (L.) Bernh.	Native to Iran	4, F.
		13. Berberidaceae		
159	428	<i>Berberis integerrima</i> Bunge	Native to Iran	1, 2, 4, 5, 18, F.
	429	<i>Berberis orthobotrys</i> Bien. ex Aitch.	Native to Iran	2
	430	<i>Berberis vulgaris</i> L.	Native to Iran	2, 3, 5, F.
160	431	<i>Bongardia chrysogonum</i> (L.) Spach	Native to Iran	1, 2, 4, 7, 8, 18
161	432	<i>Leontice armeniaca</i> Boivin	Native to Iran	1, 2, 4, F.
		14. Betulaceae		
162	433	<i>Corylus avellana</i> L.	Native to Iran	5
		15. Biebersteiniaceae		
163	434	<i>Biebersteinia multifida</i> DC.	Native to Iran	1, 2, 8, 18, F.
		16. Boraginaceae		
164	435	<i>Alkanna bracteosa</i> Boiss.	Subendemic to Iran	6
	436	<i>Alkanna orientalis</i> (L.) Boiss.	Native to Iran	4
165	437	<i>Anchusa azurea</i> Mill.	Native to Iran	1, 18
	438	<i>Anchusa azurea</i> Mill. var. <i>azurea</i>	Native to Iran	2, 4, 6, F.
	439	<i>Anchusa ovata</i> Lehm.	Native to Iran	2, 4, 7, 18
	440	<i>Anchusa strigosa</i> Banks & Sol. subsp. <i>strigosa</i>	Native to Iran	1, 2, 3, 4, F.
166	441	<i>Arnebia decumbens</i> (Vent.) Coss. & Kralik	Native to Iran	1, 2, 4, F.
	442	<i>Arnebia hispidissima</i> (Sieber ex Lehm.) A.DC.	Native to Iran	1
	443	<i>Arnebia linearifolia</i> DC. subsp. <i>linearifolia</i>	Native to Iran	4, F.
167	444	<i>Asperugo procumbens</i> L.	Native to Iran	2, 7, 18
168	445	<i>Buglossoides arvensis</i> (L.) I.M.Johnst.	Native to Iran	1, 2, 3, 7
	446	<i>Buglossoides incrassata</i> (Guss.) I.M.Johnst.	Native to Iran	1
	447	<i>Buglossoides tenuiflora</i> (L.f.) I.M.Johnst.	Native to Iran	4, 6
169	448	<i>Caccinia macranthera</i> (Banks & Sol.) Brand	Native to Iran	1, 2, 3, 4
	449	<i>Caccinia strigosa</i> Boiss.	Endemic to Iran	18
170	450	<i>Cerinthe minor</i> L.	Native to Iran	1, 2, 4, 8, 18, F.
171	451	<i>Cynoglossum kandavanense</i> (Bornm. & Gauba) Akhani	Endemic to Iran	2
172	452	<i>Echium italicum</i> L.	Native to Iran	1, 2, 3, 4, 18
173	453	<i>Heliocarya monandra</i> Bunge	Endemic to Iran	2
174	454	<i>Heliotropium bovei</i> Boiss.	Native to Iran	2
	455	<i>Heliotropium dissitiflorum</i> Boiss.	Endemic to Iran	1, F.
	456	<i>Heliotropium europaeum</i> L.	Native to Iran	4, 18, F.
	457	<i>Heliotropium circinnatum</i> Griseb	Native to Iran	F.
	458	<i>Heliotropium suaveolens</i> M.Bieb.	Native to Iran	F.
175	459	<i>Lappula microcarpa</i> (Ledeb.) Gürke	Native to Iran	1, 2, 4, 8, 18, F.
	460	<i>Lappula squarrosa</i> (Retz.) Dumort.	Native to Iran	1
176	461	<i>Lithospermum officinale</i> L.	Native to Iran	1

177	462	<i>Microparacaryum intermedium</i> f. <i>intermedium</i>	Native to Iran	2
178	463	<i>Moltkia coerulea</i> (Willd.) Lehm.	Native to Iran	1, 2, 4, 18, F.
	464	<i>Moltkia gypsacea</i> Rech.f. & Aellen	Endemic to Iran	2
179	465	<i>Myosotis diminuta</i> Grau (It has been recorded for the first time for the flora of Iran)	Native to Iran	28
	466	<i>Myosotis lithospermifolia</i> (Willd.) Hornem.	Native to Iran	2, 4
	467	<i>Myosotis ramosissima</i> Rochel ex Schult.	Native to Iran	1, 4
	468	<i>Myosotis scorpioides</i> subsp. <i>scorpioides</i>	Native to Iran	2, 4, 8
	469	<i>Myosotis sparsiflora</i> J.C.Mikan ex Pohl	Native to Iran	2
180	470	<i>Nonea caspica</i> (Willd.) G.Don	Native to Iran	1, 2, 6, 18, F.
	471	<i>Nonea iranica</i> Falat. & Pakravan	Endemic to Iran	4
	472	<i>Nonea lutea</i> (Desr.) DC.	Native to Iran	6
	473	<i>Nonea persica</i> Boiss.	Native to Iran	1, 4, 6, 8
	474	<i>Nonea persica</i> Boiss. var. <i>suchtelenioides</i>	Endemic to Iran	4
	475	<i>Nonea pulla</i> (L.) DC.	Native to Iran	1, 2
	476	<i>Nonea rosea</i> (M.Bieb.) Link	Native to Iran	1
181	477	<i>Onosma bulbotricha</i> DC.	Native to Iran	1, 2, 18
	478	<i>Onosma cardiostegium</i> Bornm.	Subendemic to Iran	2
	479	<i>Onosma chlorotricha</i> Boiss. & Noe	Native to Iran	F.
	480	<i>Onosma elwendica</i> Wettst. ex Stapf	Subendemic to Iran	4, F.
	481	<i>Onosma microcarpa</i> Steven ex DC.	Native to Iran	1, 2, 4, 8, F.
	482	<i>Onosma rascheyana</i> Boiss.	Native to Iran	4, 8
	483	<i>Onosma pabotii</i> Riedl	Endemic to Iran	2
	484	<i>Onosma sericea</i> Willd.	Native to Iran	1, 2, 4, 8, F.
	485	<i>Onosma subsericea</i> Freyn	Native to Iran	18
	486	<i>Onosma trachytiricha</i> Boiss.	Native to Iran	4
182	487	<i>Paracaryum persicum</i> (Boiss.) Boiss.	Endemic to Iran	18
	488	<i>Paracaryum rugulosum</i> (DC.) Boiss.	Native to Iran	4
	489	<i>Paracaryum sintenisii</i> Hausskn. ex Bornm.	Native to Iran	2
	490	<i>Paracaryum strictum</i> (K.Koch) Boiss.	Native to Iran	1, F.
183	491	<i>Pseudoheterocaryum rigidum</i> (A.DC.) Kaz.Osaloo & Saadati	Native to Iran	1
184	492	<i>Rindera lanata</i> (Lam.) Bunge	Native to Iran	2, 4, F.
185	493	<i>Rochelia disperma</i> (L.f.) K.Koch	Native to Iran	1, 4, 6, F.
	494	<i>Rochelia persica</i> Bunge ex Boiss.	Native to Iran	1, 18, F.
186	495	<i>Solenanthus stamineus</i> (Desf.) Wettst.	Native to Iran	2, 4, 18
187	496	<i>Suchtelenia macrocarpa</i> (Zakirov) Sennikov	Native to Iran	1, 7, F.
	497	<i>Suchtelenia szovitsiana</i> (Fisch. & C.A.Mey.) Sennikov	Native to Iran	4
188	498	<i>Trichodesma aucheri</i> DC.	Endemic to Iran	2, 4
	499	<i>Trichodesma incanum</i> (Bunge) A.DC.	Native to Iran	2, 4, F.
		17. Brassicaceae		
189	500	<i>Aethionema arabicum</i> (L.) Andr. ex DC.	Native to Iran	1, 4, F.
	501	<i>Aethionema carneum</i> (Banks & Sol.) B.Fedtsch.	Native to Iran	1, 2, 4, F.
	502	<i>Aethionema fimbriatum</i> Boiss.	Native to Iran	2, 4, 8, F.
	503	<i>Aethionema grandiflorum</i> Boiss. & Hohen.	Native to Iran	1, 4, 8, F.
	504	<i>Aethionema membranaceum</i> DC.	Native to Iran	1, F.
190	505	<i>Alliaria petiolata</i> (M.Bieb.) Cavara & Grande	Native to Iran	1, 2
191	506	<i>Alyssum alyssoides</i> (L.) L.	Native to Iran	6
	507	<i>Alyssum contemptum</i> Schott & Kotschy	Native to Iran	4
	508	<i>Alyssum dasycarpum</i> Stephan ex Willd.	Native to Iran	1, 4, F.
	509	<i>Alyssum desertorum</i> Stapf	Native to Iran	4

	510	<i>Alyssum muelleri</i> Boiss. & Buhse	Native to Iran	4
	511	<i>Alyssum repens</i> Baumg.	Native to Iran	2
	512	<i>Alyssum simplex</i> Rudolphi	Native to Iran	18
	513	<i>Alyssum stapfii</i> Vierh.	Native to Iran	1, 4
	514	<i>Alyssum strigosum</i> Banks & Sol.	Native to Iran	F.
	515	<i>Alyssum szovitsianum</i> Fisch. & C.A.Mey.	Native to Iran	2, 4, 8, 18
192	516	<i>Arabis caucasica</i> Willd.	Native to Iran	2, 8, F.
	517	<i>Arabis nova</i> Vill.	Native to Iran	1, 4
193	518	<i>Arabidopsis thaliana</i> (L.) Heynh.	Native to Iran	4
194	519	<i>Aubrieta parviflora</i> Boiss.	Native to Iran	18
195	520	<i>Barbarea brachycarpa</i> subsp. <i>minor</i> (K.Koch) Parolty & Eren	Native to Iran	1
	521	<i>Barbarea plantaginea</i> DC.	Native to Iran	1, 2, 4, 8, 18, F.
	522	<i>Barbarea vulgaris</i> W.T.Aiton	Introduced into Iran	2
196	523	<i>Brachypus suffruticosus</i> (Vent.) V.I.Dorof.	Native to Iran	2, 4, 8, 18, F.
197	524	<i>Brassica elongata</i> Ehrh.	Native to Iran	4, F.
	525	<i>Brassica juncea</i> (L.) Czern.	Introduced into Iran	6
198	526	<i>Camelina hispida</i> Boiss.	Native to Iran	4
	527	<i>Camelina laxa</i> C.A.Mey.	Native to Iran	2
	528	<i>Camelina rumelica</i> Velen.	Native to Iran	18
	529	<i>Camelina rumelica</i> subsp. <i>transcaspica</i> (Fritsch) Hedge	Subendemic to Iran	1, 4
199	530	<i>Capsella bursa-pastoris</i> (L.) Medik.	Native to Iran	1, 3, 6, 7, 18
200	531	<i>Cardamine uliginosa</i> M.Bieb.	Native to Iran	3, 4
201	532	<i>Chorisporea persica</i> Boiss.	Endemic to Iran	1, 4, 6, 7, 18
	533	<i>Chorisporea tenella</i> (Pall.) DC.	Native to Iran	6, F.
202	534	<i>Clastopus vestitus</i> (Desv.) Boiss.	Endemic to Iran	1, 2, 4, 8, F.
203	535	<i>Clypeola aspera</i> (Weber) Turrill	Native to Iran	2, 4, 6
	536	<i>Clypeola dichotoma</i> Boiss.	Native to Iran	F.
204	537	<i>Coincya tournefortii</i> (Gouan) Alcaraz, T.E.Díaz, Rivas Mart. & Sánchez-Gómez	Native to Iran	2
205	538	<i>Conringia orientalis</i> (L.) C.Presl	Native to Iran	1, 2, 4, 6, 7, 18
206	539	<i>Crambe orientalis</i> L.	Native to Iran	4, 6, 18
207	540	<i>Descurainia sophia</i> (L.) Webb ex Prantl	Native to Iran	1, 2, 3, 4, 6, 7, 8, 18
208	541	<i>Dielsiocharis kotschyi</i> (Boiss.) O.E.Schulz	Subendemic to Iran	4, 18
209	542	<i>Diploaxis harra</i> (Forssk.) Boiss.	Native to Iran	1, 4
210	543	<i>Draba aucheri</i> Boiss.	Endemic to Iran	2
	544	<i>Draba nuda</i> (Bél.) Al-Shehbaz & M.Koch	Native to Iran	4
211	545	<i>Hirschfeldia incana</i> (L.) Lagr.-Foss.	Native to Iran	F.
212	546	<i>Erysimum caespitosum</i> DC.	Subendemic to Iran	1, 4
	547	<i>Erysimum crassipes</i> Fisch & C.A.Mey.	Native to Iran	2, 4, 8, F.
	548	<i>Erysimum damirliense</i> Moazzeni & Mahmoodi	Endemic to Iran Subendemic to Zanzan	4, 20, F.
	549	<i>Erysimum gelidum</i> Bunge	Native to Iran	1
	550	<i>Erysimum ischnostylum</i> Freyn & Sint.	Native to Iran	2
	551	<i>Erysimum kurdicum</i> Boiss. & Hausskn.	Subendemic to Iran	4
	552	<i>Erysimum laxiflorum</i> J.Gay	Endemic to Iran	4
	553	<i>Erysimum leptophyllum</i> (M.Bieb.) Andr. ex DC.	Native to Iran	4
	554	<i>Erysimum leucanthemum</i> (Stephan ex Willd.) B.Fedtsch.	Native to Iran	2, 8
	555	<i>Erysimum repandum</i> L.	Native to Iran	1, 4, 7
	556	<i>Erysimum scabrum</i> DC.	Native to Iran	1

	557	<i>Erysimum sisymbrioides</i> C.A.Mey.	Native to Iran	6
	558	<i>Erysimum subulatum</i> J.Gay	Subendemic to Iran	4
213	559	<i>Goldbachia laevigata</i> DC.	Native to Iran	1, 4, 6, 7, 18
214	560	<i>Graellsia saxifragifolia</i> (DC.) Boiss.	Native to Iran	2
215	561	<i>Hesperis kurdica</i> F.Dvořák & Hadač	Native to Iran	2
	562	<i>Hesperis persica</i> Boiss.	Native to Iran	1, 4
216	563	<i>Hirschfeldia incana</i> (L.) Lagr.-Foss.	Native to Iran	1, 2, 8
217	564	<i>Isatis armena</i> L.	Native to Iran	2, 4, 6, F.
	565	<i>Isatis cappadocica</i> Desv.	Native to Iran	1, 2, 4, 6, 18, F.
	566	<i>Isatis kotschyana</i> Boiss & Hohen.	Subendemic to Iran	4, 18, F.
	567	<i>Isatis lusitanica</i> L.	Native to Iran	2, 8
	568	<i>Isatis minima</i> Bunge	Native to Iran	6
218	569	<i>Lepidium buschianum</i> Al-Shehbaz	Endemic to Iran	2
	570	<i>Lepidium cartilagineum</i> (J.Mayer) Thell.	Native to Iran	2, F.
	571	<i>Lepidium chalepense</i> L.	Native to Iran	4, 6, 7
	572	<i>Lepidium draba</i> L.	Native to Iran	1
	573	<i>Lepidium latifolium</i> L.	Native to Iran	1, 2, 3, 18
	574	<i>Lepidium perfoliatum</i> L.	Native to Iran	6, F.
	575	<i>Lepidium persicum</i> Boiss.	Native to Iran	F.
	576	<i>Lepidium sativum</i> L.	Native to Iran	4
	577	<i>Lepidium vesicarium</i> L.	Native to Iran	2, 4, F.
219	578	<i>Litwinowia tenuissima</i> (Pall.) Woronow ex Pavlov	Native to Iran	18
220	579	<i>Lysakia rostrata</i> (Boiss. & Hohen.) Esmailbegi & Al-Shehbaz	Endemic to Iran	2
221	580	<i>Matthiola farinosa</i> Bunge ex Boiss.	Native to Iran	4
	581	<i>Matthiola longipetala</i> (Vent.) DC.	Native to Iran	1
	582	<i>Matthiola spathulata</i> Conti	Subendemic to Iran	4, 27
	583	<i>Matthiola tomentosa</i> Bél.	Subendemic to Iran	1, 2
222	584	<i>Meniocus linifolius</i> (Stephan ex Willd.) DC.	Native to Iran	1, 6, 7
	585	<i>Meniocus meniocoides</i> (Boiss.) Hadač & Chrtek	Native to Iran	1, 2, 4
223	586	<i>Mutarda arvensis</i> (L.) D.A.German	Native to Iran	2, 3, 6, 7
224	587	<i>Nasturtium officinale</i> W.T.Aiton	Native to Iran	1, 2, 3, 18, F.
225	588	<i>Neotorularia torulosa</i> (Desf.) Hedge & J.Léonard	Native to Iran	4
226	589	<i>Neslia paniculata</i> (L.) Desv.	Native to Iran	18
	590	<i>Neslia paniculata</i> subsp. <i>thracica</i> (Velen.) Bornm.	Native to Iran	2, 4, 6, 7
227	591	<i>Noccaea iranica</i> Al-Shehbaz	Endemic to Iran Subendemic to Zanjan	4
	592	<i>Noccaea papyracea</i> (Boiss.) Khosravi, Mumm. & Mohsenz.	Native to Iran	2, 8
	593	<i>Noccaea perfoliata</i> (L.) Al-Shehbaz	Native to Iran	4, 6, 7
	594	<i>Noccaea trinervia</i> (DC.) Steud.	Native to Iran	4, F.
228	595	<i>Odontarrhena bracteata</i> (Boiss. & Buhse) Španiel, Al-Shehbaz, D.A.German & Marhold	Subendemic to Iran	F.
	596	<i>Odontarrhena inflata</i> (Nyar.) D.A.German	Subendemic to Iran	F.
	597	<i>Odontarrhena lanigera</i> (DC.) Španiel, Al-Shehbaz, D.A.German & Marhold	Native to Iran	2, 4, F.
	598	<i>Odontarrhena polyclada</i> (Rech.f.) Španiel, Al-Shehbaz, D.A.German & Marhold	Endemic to Iran	4
	599	<i>Odontarrhena sibirica</i> (Willd.) Španiel, Al-Shehbaz, D.A.German & Marhold	Native to Iran	4
	600	<i>Odontarrhena tortuosa</i> (Willd.) C.A.Mey. subsp. <i>tortuosa</i>	Native to Iran	F.

	601	<i>Odontarrhena Turgidum</i> (T.R.Dudley) Španiel, Al-Shehbaz, D.A.German & Marhold	Endemic to Iran	F.
229	602	<i>Parrya khorasanica</i> (Rech.f. & Aellen) D.A.German	Native to Iran	2, 8
230	603	<i>Physoptychis caspica</i> (Hablitz) Botsch.	Native to Iran	2, 3
231	604	<i>Plagioloba persica</i> (Boiss.) Khosravi & Eslami-Farouji	Native to Iran	4
232	605	<i>Pseudocamelina glaucophylla</i> (DC.) N.Busch	Endemic to Iran	1, 2, F.
233	606	<i>Raphanus raphanistrum</i> L.	Native to Iran	6, 7
234	607	<i>Rapistrum rugosum</i> (L.) All.	Native to Iran	7
235	608	<i>Sisymbrium irio</i> L.	Native to Iran	2, 4, 6
	609	<i>Sisymbrium loeselii</i> L.	Native to Iran	18
	610	<i>Sisymbrium officinale</i> (L.) Scop.	Native to Iran	2, 3
	611	<i>Sisymbrium septulatum</i> DC.	Native to Iran	6
236	612	<i>Sterigmostemum acanthocarpum</i> (Fisch. & C.A.Mey.) Kuntze	Subendemic to Iran	4, F.
	613	<i>Sterigmostemum incanum</i> M.Bieb.	Native to Iran	1, F.
	614	<i>Sterigmostemum sulphureum</i> (Banks & Sol.) Bornm.	Native to Iran	2, 4
237	615	<i>Strigosella africana</i> (L.) Botsch.	Native to Iran	1, 4, 7, 18, F.
	616	<i>Strigosella intermedia</i> (C.A.Mey.) Botsch.	Native to Iran	F.
	617	<i>Strigosella scorpioides</i> (Bunge) Botsch.	Native to Iran	1
		18. Campanulaceae		
238	618	<i>Asyneuma amplexicaule</i> (Willd.) Hand.-Mazz.	Native to Iran	2
	619	<i>Asyneuma persicum</i> (A.DC.) Bornm.	Native to Iran	2, 4, 8
	620	<i>Asyneuma pulchellum</i> (Fisch. & C.A.Mey.) Bornm.	Native to Iran	2, 18, F.
	621	<i>Asyneuma virgatum</i> (Labill.) Bornm.	Introduced into Iran	2, 4, 8, F.
239	622	<i>Campanula candida</i> A.DC.	Endemic to Iran	2
	623	<i>Campanula glomerata</i> L.	Native to Iran	2, 8
	624	<i>Campanula involucrate</i> Aucher ex A. DC.	Native to Iran	F.
	625	<i>Campanula lamondiae</i> Rech.f.	Endemic to Iran Subendemic to Zanzan	4, F.
	626	<i>Campanula latifolia</i> L.	Native to Iran	2
	627	<i>Campanula stevenii</i> M.Bieb.	Native to Iran	2, 4, 8, F.
240	628	<i>Michauxia laevigata</i> Vent.	Native to Iran	4, 18
		19. Capparaceae		
241	629	<i>Capparis spinosa</i> L.	Native to Iran	1, 2, 3, F.
		20. Caprifoliaceae		
242	630	<i>Cephalaria hirsuta</i> Stapf	Subendemic to Iran	2, 8
	631	<i>Cephalaria juncea</i> Boiss.	Endemic to Iran	2
	632	<i>Cephalaria microcephala</i> Boiss.	Native to Iran	1, 2, 8
	633	<i>Cephalaria procera</i> Fisch. & Ave-Lall.	Native to Iran	2, 4, 18
	634	<i>Cephalaria qeydarensis</i> Ranjbar & Z.Ranjbar	Endemic to Zanzan, Iran	35
	635	<i>Cephalaria syriaca</i> (L.) Roem. & Schult.	Native to Iran	4, 6, 7, 18, F.
243	636	<i>Lomelosia argentea</i> (L.) Greuter & Burdet	Native to Iran	2, 4, 8, 18, F.
	637	<i>Lomelosia calocephala</i> (Boiss.) Greuter & Burdet	Native to Iran	1, 2, F.
	638	<i>Lomelosia flavida</i> (Boiss. & Hausskn.) Soják	Native to Iran	2, 4, F.
	639	<i>Lomelosia olivieri</i> (Coul.) Greuter & Burdet	Native to Iran	4, 18, F.
	640	<i>Lomelosia persica</i> (Boiss.) Greuter & Burdet	Native to Iran	2, 4, 8
	641	<i>Lomelosia rotata</i> (M.Bieb.) Greuter & Burdet	Native to Iran	2
244	642	<i>Lonicera caucasica</i> Pall.	Native to Iran	2
	643	<i>Lonicera iberica</i> M.Bieb.	Native to Iran	2, F.

	644	<i>Lonicera nummulariifolia</i> Jaub. & Spach	Native to Iran	2, 8
245	645	<i>Pterocephalus canus</i> Coult. ex DC.	Native to Iran	2, 4, 18, F.
	646	<i>Pterocephalus plumosus</i> (L.) F.Dietr.	Native to Iran	18
246	647	<i>Scabiosa columbaria</i> L.	Native to Iran	1
247	648	<i>Valeriana coronata</i> (L.) Mill.	Native to Iran	1
	649	<i>Valeriana cymbaecarpa</i> (C.A.Mey.) Sennikov	Native to Iran	1, 4
	650	<i>Valeriana leucophaea</i> DC.	Native to Iran	1, 2
	651	<i>Valeriana muricata</i> (Steven ex M.Bieb.) Sennikov	Native to Iran	2
	652	<i>Valeriana orientalis</i> (DC.) Sennikov	Native to Iran	1, 4, F.1
	653	<i>Valeriana oxyrhyncha</i> (Fisch. & C.A.Mey.) Christenh. & Byng	Native to Iran	1, 4, F.
	654	<i>Valeriana sisymbriifolia</i> Vahl	Native to Iran	1, 2, 4, 8
	655	<i>Valeriana szovitsiana</i> (Fisch. & C.A.Mey.) Christenh. & Byng	Native to Iran	1
	656	<i>Valeriana tuberculata</i> (Boiss.) Christenh. & Byng	Native to Iran	4, 18
	657	<i>Valeriana vesicaria</i> (L.) Mill.	Native to Iran	2
248	658	<i>Valerianella amblyotis</i> Fisch. & C.A.Mey. ex Hohen.	Native to Iran	4
	659	<i>Valerianella chlorostephana</i> Boiss. & Balansa	Native to Iran	1
		21. Caryophyllaceae		
249	660	<i>Acanthophyllum acerosum</i> Sosn.	Native to Iran	2
	661	<i>Acanthophyllum crassifolium</i> Boiss.	Endemic to Iran	1, 2, 3
	662	<i>Acanthophyllum laxiusculum</i> Schiman-Czeika	Native to Iran	4, F.
	663	<i>Acanthophyllum luteum</i> (Falat. & Mahmoodi) A.Pirani & Kovalchuk	Endemic to Iran Subendemic to Zanjan	4, 21, F.
	664	<i>Acanthophyllum mucronatum</i> C.A.Mey.	Native to Iran	2, 4, 8, 18, F.
	665	<i>Acanthophyllum sordidum</i> Bunge ex Boiss.	Native to Iran	2
250	666	<i>Bufonia capitata</i> Bornm.	Endemic to Iran	4, F.
	667	<i>Bufonia kotschyana</i> Boiss.	Native to Iran	2, 4, 8
	668	<i>Bufonia kotschyana</i> subsp. <i>calycina</i> (Boiss. & Hausskn.) Chrték & Křisa	Endemic to Iran	2, 4, F.
	669	<i>Bufonia macrocarpa</i> Ser.	Endemic to Iran	1, 2, 4, 8
	670	<i>Bufonia oliveriana</i> Ser.	Native to Iran	4
	671	<i>Bufonia parviflora</i> Griseb.	Native to Iran	4, F.
251	672	<i>Cerastium dichotomum</i> L.	Native to Iran	2, 4
	673	<i>Cerastium glomeratum</i> Thuill.	Native to Iran	F.
	674	<i>Cerastium inflatum</i> Gren.	Native to Iran	1, 2, 8, 18, F.
	675	<i>Cerastium perfoliatum</i> L.	Native to Iran	1, 2, 18, F.
	676	<i>Cerastium pumilum</i> var. <i>glutinosum</i> (Wahlenb.) Beck	Native to Iran	4
252	677	<i>Dianthus crinitus</i> Sm.	Native to Iran	2
	678	<i>Dianthus crossopetalus</i> (Fenzl ex Boiss.) Grossh.	Native to Iran	2, 4, F.
	679	<i>Dianthus floribundus</i> Boiss.	Native to Iran	2, 8
	680	<i>Dianthus libanotis</i> Labill.	Native to Iran	2, F.
	681	<i>Dianthus orientalis</i> Adams	Native to Iran	18
	682	<i>Dianthus orientalis</i> subsp. <i>gorganicus</i> Rech.f.	Endemic to Iran	1, 2, 4, 8
	683	<i>Dianthus pachygonus</i> (Fisch. & C.A.Mey.) Fassou, N.Korotkova, Dimop. & Borsch	Native to Iran	F.
	684	<i>Dianthus recticaulis</i> Ledeb.	Native to Iran	4, F.
253	685	<i>Dichodon scaturiginellum</i> (Rech.f.) Assadi	Endemic to Iran	1
	686	<i>Dichodon viscidum</i> (M.Bieb.) Holub	Native to Iran	4
254	687	<i>Eremogone caricifolia</i> (Boiss.) Ikonn.	Native to Iran	2, 4, 8, F.
	688	<i>Eremogone gypsophiloides</i> (L.) Fenzl	Native to Iran	1, 18

255	689	<i>Graellsia stylosa</i> (Boiss. & Hohen.) Poulter	Endemic to Iran	F.
256	690	<i>Gypsophila bicolor</i> (Freyn & Sint.) Grossh.	Native to Iran	18
	691	<i>Gypsophila caricifolia</i> Boiss.	Subendemic to Iran	2, 4, F.
	692	<i>Gypsophila laricina</i> Schreb.	Native to Iran	1
	693	<i>Gypsophila persica</i> Barkoudah	Endemic to Iran	4, F.
	694	<i>Gypsophila pilosa</i> Huds.	Native to Iran	4
	695	<i>Gypsophila pilosa</i> var. <i>glabra</i> Falat., F.Ghahrem. & Assadi	Endemic to Iran Subendemic to Zanjan	29, F.
	696	<i>Gypsophila polyclada</i> Fenzl ex. Boiss. var. <i>glandulosa</i> Barcoudah	Endemic to Iran	4
	697	<i>Gypsophila polyclada</i> var. <i>leioclada</i> (Rech.f.) Falat., Assadi & F.Ghahrem.	Endemic to Iran	4, F.
	698	<i>Gypsophila polyclada</i> Fenzl ex Boiss. var. <i>polyclada</i>	Native to Iran	F.
	699	<i>Gypsophila vaccaria</i> (L.) Sm.	Native to Iran	1, 4, 6, 7, 18, F.
257	700	<i>Herniaria glabra</i> L.	Native to Iran	4
	701	<i>Herniaria hirsuta</i> L.	Native to Iran	4, 18
	702	<i>Herniaria incana</i> Lam.	Native to Iran	2, F.
258	703	<i>Holosteum umbellatum</i> subsp. <i>glutinosum</i> (M.Bieb.) Nyman	Native to Iran	1, 4, 7, F.
	704	<i>Holosteum umbellatum</i> L. subsp. <i>umbellatum</i>	Native to Iran	F.
259	705	<i>Mesostemma kotschyanum</i> (Fenzl ex Boiss.) Vved.	Native to Iran	2, 4, 8, F.
260	706	<i>Minuartia hamata</i> (Hausskn. & Bornm.) Mattf.	Native to Iran	1, 4, 7, 18, F.
	707	<i>Minuartia meyeri</i> (Boiss.) Bornm.	Native to Iran	1, 4, F.
	708	<i>Minuartia recurva</i> (All.) Schinz & Thell.	Native to Iran	2
261	709	<i>Paronychia kurdica</i> Boiss.	Native to Iran	4, 18, F.
262	710	<i>Petrorhagia prolifera</i> (L.) P.W.Ball & Heywood	Native to Iran	F.
	711	<i>Petrorhagia saxifraga</i> (L.) Link.	Native to Iran	4
263	712	<i>Sabulina juniperina</i> (L.) Dillenb. & Kadereit	Native to Iran	2
	713	<i>Sabulina lineata</i> (Boiss.) Dillenb. & Kadereit	Native to Iran	4, F.
	714	<i>Sabulina sublineata</i> (Rech.f.) Dillenb. & Kadereit	Subendemic to Iran	2
	715	<i>Sabulina subtilis</i> (Fenzl) Dillenb. & Kadereit	Native to Iran	4, F.
264	716	<i>Saponaria orientalis</i> L.	Native to Iran	4, F.
267	717	<i>Silene ampullata</i> Boiss.	Native to Iran	2, 4, 18, F.
	718	<i>Silene arabica</i> Boiss.	Native to Iran	1
	719	<i>Silene behboudiana</i> Rech.f. & Esfand. subsp. <i>behboudiana</i>	Endemic to Iran	F.
	720	<i>Silene brahuica</i> Boiss.	Native to Iran	18
	721	<i>Silene bupleuroides</i> L.	Native to Iran	2, 8
	722	<i>Silene caesarea</i> Boiss. & Balansa	Native to Iran	2, 4, F.
	723	<i>Silene chaetodonta</i> Boiss.	Native to Iran	4, F.
	724	<i>Silene commelinifolia</i> Boiss.	Native to Iran	2, 4, 8, F.
	725	<i>Silene conica</i> L.	Native to Iran	1, 7
	726	<i>Silene conoidea</i> L.	Native to Iran	1, 6
	727	<i>Silene dichotoma</i> Ehrh.	Native to Iran	4, 18, F.
	728	<i>Silene erysimifolia</i> Stapf	Endemic to Iran	4, F.
	729	<i>Silene gynodioica</i> Ghaz.	Endemic to Iran	1, 4
	730	<i>Silene lasiantha</i> K.Koch	Native to Iran	4, F.
	731	<i>Silene latifolia</i> Poir.	Native to Iran	18, F.
	732	<i>Silene latifolia</i> Poir. subsp. <i>alba</i> (Mill.) Greuter & Burdet	Native to Iran	4
	733	<i>Silene lucida</i> Chowdhuri	Subendemic to Iran	4

	734	<i>Silene lulakabadensis</i> Heidari, F.Ghahrem. & Assadi	Endemic to Zanjan, Iran	14, F.
	735	<i>Silene marschallii</i> C.A.Mey. subsp. <i>marschallii</i>	Native to Iran	2, 4, 18, F.
	736	<i>Silene meyeri</i> Fenzl ex Boiss. & Buhse subsp. <i>meyeri</i>	Subendemic to Iran	2, 4, F.
	737	<i>Silene montbretiana</i> Boiss.	Native to Iran	1
	738	<i>Silene montbretiana</i> Boiss.var. <i>montbretiana</i>	Native to Iran	2, 4
	739	<i>Silene noctiflora</i> L.	Native to Iran	1, 4, F.
	740	<i>Silene nurensis</i> Boiss. & Hausskn.	Endemic to Iran	4
	741	<i>Silene peduncularis</i> Boiss.	Subendemic to Iran	2, 4, F.
	742	<i>Silene persica</i> Boiss.	Endemic to Iran	2
	743	<i>Silene pungens</i> Boiss.	Subendemic to Iran	18
	744	<i>Silene spergulifolia</i> (Willd.) M.Bieb.	Native to Iran	1, 2
	745	<i>Silene swertiifolia</i> Boiss.	Native to Iran	4, F.
	746	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>vulgaris</i>	Native to Iran	F.
268	747	<i>Spergularia marina</i> (L.) Besser	Native to Iran	F.
269	748	<i>Stellaria assadii</i> Mahdavi	Endemic to Iran	F.
	749	<i>Stellaria graminea</i> L.	Native to Iran	2
	750	<i>Stellaria media</i> (L.) Vill.	Native to Iran	1, 7
	751	<i>Stellaria persica</i> Boiss.	Native to Iran	4, F.
270	752	<i>Velezia rigida</i> L.	Native to Iran	1, 2, 4, 8, F.
		22. Celasteraceae		
271	753	<i>Euonymus latifolius</i> (L.) Mill.	Native to Iran	2
		23. Cistaceae		
272	754	<i>Helianthemum ledifolium</i> (L.) Mill.	Native to Iran	18, F.
	755	<i>Helianthemum lippii</i> (L.) Dum.Cours.	Native to Iran	1
	756	<i>Helianthemum salicifolium</i> (L.) Mill.	Native to Iran	2, 4, F.
		24. Cleomaceae		
273	757	<i>Cleome coluteoides</i> Boiss.	Native to Iran	1, 2, 4, F.
	758	<i>Cleome iberica</i> DC.	Native to Iran	1, 2, 4, 8, F.
	759	<i>Cleome rupicola</i> Vicary	Native to Iran	1
		25. Colchicaceae		
274	760	<i>Colchicum kotschyi</i> Boiss.	Native to Iran	1, 8, F.
	761	<i>Colchicum persicum</i> Baker	Native to Iran	2
	762	<i>Colchicum robustum</i> (Bunge) Stef.	Native to Iran	1
	763	<i>Colchicum soboliferum</i> (C.A.Mey.) Stef.	Native to Iran	1
	764	<i>Colchicum speciosum</i> Steven	Native to Iran	4
	765	<i>Colchicum szovitsii</i> Fisch. & C.A.Mey.	Native to Iran	1, 4, F.
	766	<i>Colchicum varians</i> (Frey & Bornm.) Dyer	Endemic to Iran	4
		26. Convolvulaceae		
275	767	<i>Calystegia sepium</i> (L.) R.Br.	Native to Iran	3
276	768	<i>Convolvulus arvensis</i> L.	Native to Iran	1, 2, 3, 4, 6, 7, 18, F.
	769	<i>Convolvulus calvertii</i> Boiss.	Native to Iran	4
	770	<i>Convolvulus cantabrica</i> L.	Native to Iran	18
	771	<i>Convolvulus chondrilloides</i> Boiss.	Native to Iran	F.
	772	<i>Convolvulus commutatus</i> Boiss.	Native to Iran	1, 2, 4, F.
	773	<i>Convolvulus lineatus</i> L.	Native to Iran	4, F.
277	774	<i>Cuscuta epithymum</i> (L.) L.	Native to Iran	4
		27. Crassulaceae		
278	775	<i>Crassula alata</i> (Viv.) A.Berger	Native to Iran	1
279	776	<i>Pseudosedum multicaule</i> (Boiss. & Buhse) Boriss.	Native to Iran	4

280	777	<i>Rosularia sempervivum</i> (M.Bieb.) A.Berger	Native to Iran	1, 2, 4, 18
281	778	<i>Sedum gracile</i> C.A.Mey.	Native to Iran	2
		28. Cupressaceae		
282	779	<i>Juniperus communis</i> L.	Native to Iran	3
	780	<i>Juniperus excelsa</i> M.Bieb.	Native to Iran	1, 2, 8
		29. Cyperaceae		
283	781	<i>Blysmus compressus</i> (L.) Panz. ex Link	Native to Iran	4
284	782	<i>Bolboschoenus glaucus</i> (Lam.) S.G.Sm.	Native to Iran	F.
	783	<i>Bolboschoenus maritimus</i> subsp. <i>affinis</i> (Roth) T.Koyama	Native to Iran	F.
285	784	<i>Carex kurdica</i> Kük. ex Hand.-Mazz.	Native to Iran	F.
	785	<i>Carex leporina</i> L.	Native to Iran	4
	786	<i>Carex melanostachya</i> M.Bieb. ex Willd.	Native to Iran	1, 4
	787	<i>Carex orbicularis</i> Boott	Native to Iran	1, 4
	788	<i>Carex oreophila</i> C.A.Mey.	Native to Iran	1
	789	<i>Carex pachystylis</i> J.Gay	Native to Iran	4
	790	<i>Carex panicea</i> L.	Native to Iran	4
	791	<i>Carex songorica</i> Kar. & Kir.	Native to Iran	1
286	792	<i>Cyperus difformis</i> L.	Native to Iran	6, 7
	793	<i>Cyperus fuscus</i> L.	Native to Iran	F.
	794	<i>Cyperus rotundus</i> L.	Native to Iran	1
287	795	<i>Eleocharis caduca</i> (Delile) Schult.	Native to Iran	1
	796	<i>Eleocharis quinqueflora</i> (Hartmann) O.Schwartz	Native to Iran	4
288	797	<i>Schoenoplectus lacustris</i> (L.) Palla	Native to Iran	2, F.
289	798	<i>Scirpoides holoschoenus</i> (L.) Soják	Native to Iran	4, 8, F.
		30. Datisceae		
290	799	<i>Datisca cannabina</i> L.	Native to Iran	2, 3, F.
		31. Ebenaceae		
291	800	<i>Diospyros lotus</i> L.	Native to Iran	2, 3
		32. Elaeagnaceae		
292	801	<i>Elaeagnus angustifolia</i> L.	Native to Iran	1, 2, 3, 4, 5, 18, F.
293	802	<i>Hippophae rhamnoides</i> L.	Native to Iran	1
		33. Ephedraceae		
294	803	<i>Ephedra ciliata</i> Fisch. & C.A.Mey.	Native to Iran	1
	804	<i>Ephedra foeminea</i> Forssk.	Native to Iran	1, 2, 3, 4, 5, 8, F.
	805	<i>Ephedra intermedia</i> Schrenk & C.A.Mey.	Native to Iran	1, 4, 5, F.
	806	<i>Ephedra sarcocarpa</i> Aitch. & Hemsl.	Introduced into Iran	1
	807	<i>Ephedra strobilacea</i> Bunge	Native to Iran	4
		34. Equisetaceae		
295	808	<i>Equisetum arvense</i> L.	Native to Iran	1, 2, 3, 18, F.
	809	<i>Equisetum ramosissimum</i> Desf.	Native to Iran	2, 4, F.
	810	<i>Equisetum telmateia</i> Ehrh.	Native to Iran	1
		35. Ericaceae		
296	811	<i>Vaccinium arctostaphylos</i> L.	Native to Iran	2, 3
		36. Euphorbiaceae		
297	812	<i>Andrachne telephioides</i> L.	Native to Iran	F.
298	813	<i>Chrozophora tinctoria</i> (L.) A.juss.	Native to Iran	F.
	814	<i>Chrozophora tinctoria</i> (L.) A.Juss.	Native to Iran	2
299	815	<i>Euphorbia aucheri</i> Boiss.	Native to Iran	1
	816	<i>Euphorbia belgheisi</i> Pahlevani	Endemic to Iran	31, F.

			Subendemic to Zanzan	
	817	<i>Euphorbia buhsei</i> Boiss.	Native to Iran	2
	818	<i>Euphorbia caeladenia</i> Boiss.	Native to Iran	1
	819	<i>Euphorbia chamaesyce</i> L.	Native to Iran	F.
	820	<i>Euphorbia cheiradenia</i> Boiss. & Hohen.	Native to Iran	2, F.
	821	<i>Euphorbia condylocarpa</i> M.Bieb.	Native to Iran	2, F.
	822	<i>Euphorbia falcata</i> L.	Native to Iran	2, 8, F.
	823	<i>Euphorbia helioscopia</i> L.	Native to Iran	1
	824	<i>Euphorbia heteradena</i> Jaub. & Sapach	Native to Iran	4, 6, 7, F.
	825	<i>Euphorbia iberica</i> Boiss.	Native to Iran	F.
	826	<i>Euphorbia malleata</i> Boiss.	Endemic to Iran	4
	827	<i>Euphorbia marschalliana</i> Boiss.	Native to Iran	18, F.
	828	<i>Euphorbia myrsinites</i> L.	Native to Iran	4
	829	<i>Euphorbia petiolate</i> Banks & Sol. var. <i>petiolate</i>	Native to Iran	F.
	830	<i>Euphorbia polycaulis</i> Boiss. & Hohen.	Endemic to Iran	4, F.
	831	<i>Euphorbia saratoi</i> Ardoino	Native to Iran	2, 8, 18
	832	<i>Euphorbia seguieriana</i> Neck.	Native to Iran	1, 4, F.
	833	<i>Euphorbia stricta</i> L.	Native to Iran	1
	834	<i>Euphorbia szovitsii</i> Fisch. & C.A.Mey.	Native to Iran	4, F.
	835	<i>Euphorbia virgata</i> Waldst. & Kit.	Native to Iran	4, 6, F.
		37. Fabaceae		
300	836	<i>Alhagi maurorum</i> Medik. var. <i>maurorum</i>	Native to Iran	6
	837	<i>Alhagi pseudalhagi</i> (M.Bieb.) Desv. ex Wangerin	Native to Iran	1, 4, 7
	838	<i>Alhagi pseudalhagi</i> subsp. <i>persarum</i> (Boiss. & Buhse) Takht.	Subendemic to Iran	1, 2, 3
301	839	<i>Argyrobium roseum</i> (Cambess.) Jaub. & Spach	Native to Iran	1
	840	<i>Argyrobium roseum</i> var. <i>subuniflorum</i> Boiss.	Subendemic to Iran	1, 2, 8
302	841	<i>Astragalus abharensis</i> Maassoumi & Podlech	Endemic to Iran Subendemic to Zanzan	4, 9, 23, F.
	842	<i>Astragalus absconditus</i> Zarre & Podlech	Endemic to Zanzan, Iran	25, F.
	843	<i>Astragalus aduncus</i> Willd.	Native to Iran	4, 9, F.
	844	<i>Astragalus aegobromus</i> Boiss. & Hohen.	Native to Iran	1, 2, 4, 8, 9
	845	<i>Astragalus alavaanus</i> Podlech	Endemic to Iran Subendemic to Zanzan	4, 9, 24, F.
	846	<i>Astragalus alopecurus</i> Pall.	Native to Iran	2
	847	<i>Astragalus alyssoides</i> Lam.	Native to Iran	4, 9, F.
	848	<i>Astragalus andabaddensis</i> Maassoumi, Bagheri & F.Ghahrem.	Endemic to Zanzan, Iran	4, 9, 15, F.
	849	<i>Astragalus andalanicus</i> Boiss. & Hausskn.	Native to Iran	4, 9
	850	<i>Astragalus anguranensis</i> Podlech & Maassoumi	Endemic to Zanzan, Iran	4, 9
	851	<i>Astragalus angustiflorus</i> K. Koch subsp. <i>angustiflorus</i>	Native to Iran	9
	852	<i>Astragalus apricus</i> Bunge	Native to Iran	4, 9
	853	<i>Astragalus argyroides</i> Beck	Native to Iran	9, F.
	854	<i>Astragalus askius</i> Bunge	Endemic to Iran	2, 8, 9, F.
	855	<i>Astragalus aspadanus</i> Bunge	Endemic to Iran	F.
	856	<i>Astragalus atrokurdicus</i> Maassoumi, F.Ghahrem., Bagheri & Podlech	Endemic to Zanzan, Iran	11

857	<i>Astragalus aureus</i> Willd.	Native to Iran	2, 8, 9
858	<i>Astragalus austromahnesanensis</i> F.Ghahrem., Maassoumi & Bagheri	Endemic to Zanjan, Iran	9, 10
859	<i>Astragalus austrotaromensis</i> Maassoumi, F.Ghahrem., Bagheri & Podlech	Endemic to Zanjan, Iran	11
860	<i>Astragalus aznabjurticus</i> Grossh.	Native to Iran	4, F.
861	<i>Astragalus bakaliensis</i> Bunge	Native to Iran	4
862	<i>Astragalus barnasariformis</i> Maassoumi, F.Ghahrem. & Bagheri	Endemic to Zanjan, Iran	4, 9, F.
863	<i>Astragalus beckii</i> Bornm.	Native to Iran	9, F.
864	<i>Astragalus belgheisicoides</i> Podlech & Maassoumi	Endemic to Zanjan, Iran	4, 9, 23, F.
865	<i>Astragalus belgheisicus</i> Maassoumi	Endemic to Zanjan, Iran	4, 9, F.
866	<i>Astragalus bijarensis</i> Podlech & Sytin	Endemic to Iran	F.
867	<i>Astragalus biserrula</i> Bunge	Endemic to Iran	1
868	<i>Astragalus bounophilus</i> Boiss. & Hohen.	Endemic to Iran	4, 9
869	<i>Astragalus brachyodontus</i> Boiss.	Endemic to Iran	1, 4, 9, F.
870	<i>Astragalus brevidens</i> Freyn & Sint.	Native to Iran	4
871	<i>Astragalus brevipes</i> Bunge	Native to Iran	4, 9, F.
872	<i>Astragalus campylanthoides</i> Bornm.	Endemic to Iran	9, F.
873	<i>Astragalus campylorrhynchus</i> Fisch. & C.A.Mey.	Native to Iran	4, 9
874	<i>Astragalus cancellatus</i> Bunge	Native to Iran	4
875	<i>Astragalus caraganae</i> Fisch. & C.A.Mey.	Native to Iran	1, 2, 9
876	<i>Astragalus caspicus</i> M.Bieb. subsp. <i>caspicus</i>	Native to Iran	2, 4, 8, 9
877	<i>Astragalus catacamptus</i> Bunge	Endemic to Iran	4
878	<i>Astragalus chrysanthus</i> Boiss. & Hohen.	Endemic to Iran	9
879	<i>Astragalus chrysostachys</i> Boiss.	Native to Iran	4, 9
880	<i>Astragalus circumlacustris</i> Podlech & Sytin	Endemic to Iran	4
881	<i>Astragalus citrinus</i> Bunge subsp. <i>citrinus</i>	Native to Iran	9
882	<i>Astragalus clivicola</i> Podlech & Maassoumi	Endemic to Iran	F.
883	<i>Astragalus commixtus</i> Bunge	Native to Iran	9
884	<i>Astragalus comosus</i> Bunge	Native to Iran	9, F.
885	<i>Astragalus compactus</i> Lam.	Native to Iran	4, 8, 9
886	<i>Astragalus coronilla</i> Bunge subsp. <i>coronilla</i>	Native to Iran	4, 9
887	<i>Astragalus crispocarpus</i> Nábělek	Native to Iran	9
888	<i>Astragalus curvirostris</i> Boiss.	Native to Iran	1, 4, 9, F.
889	<i>Astragalus cyclophyllos</i> Beck	Endemic to Iran	4, 18, F.
890	<i>Astragalus dejectus</i> Maassoumi, F.Ghahrem. & Bagheri	Endemic to Zanjan, Iran	11
891	<i>Astragalus delutulus</i> Maassoumi	Endemic to Iran	9, F.
892	<i>Astragalus demonstratus</i> Maassoumi	Endemic to Zanjan, Iran	9, 22
893	<i>Astragalus dendroproselius</i> Rech.f.	Introduced into Iran	2, 9
894	<i>Astragalus denudatus</i> Steven	Native to Iran	9
895	<i>Astragalus dictyolobus</i> C.A.Mey. ex Bunge	Native to Iran	9
896	<i>Astragalus dilutuloides</i> Maassoumi, F.Ghahrem. & Bagheri	Endemic to Zanjan, Iran	16, F.
897	<i>Astragalus ebenoides</i> Boiss.	Endemic to Iran	4, 9
898	<i>Astragalus echinops</i> Aucher ex Boiss.	Native to Iran	4, 9
899	<i>Astragalus effusus</i> Bunge	Native to Iran	4, 9, F.

	900	<i>Astragalus elegans</i> Bunge	Subendemic to Iran	F.
	901	<i>Astragalus eriocarpus</i> DC.	Introduced into Iran	4, 9
	902	<i>Astragalus eriopodus</i> Boiss.	Native to Iran	9, F.
	903	<i>Astragalus eriosphaerus</i> Boiss. & Hausskn.	Native to Iran	1, 9
	904	<i>Astragalus fabaceus</i> M.Bieb.	Native to Iran	4
	905	<i>Astragalus fausicola</i> Podlech ex Bagheri, Maassoumi, & F.Ghahrem.	Endemic to Zanzan, Iran	9, F.
	906	<i>Astragalus floccosus</i> Boiss. subsp. <i>floccosus</i>	Endemic to Iran	9
	907	<i>Astragalus foliosus</i> Podlech, Maassoumi & Ranjbar	Endemic to Iran	9
	908	<i>Astragalus glochideus</i> Boriss.	Native to Iran	9, F.
	909	<i>Astragalus glumaceus</i> Boiss.	Endemic to Iran	4, 9, 18
	910	<i>Astragalus gossypinus</i> Fisch.	Native to Iran	4, 9, 18
	911	<i>Astragalus guttatus</i> Banks & Sol.	Native to Iran	9
	912	<i>Astragalus gypsaceus</i> Beck	Endemic to Iran	1
	913	<i>Astragalus halicacabus</i> Lam.	Native to Iran	9
	914	<i>Astragalus heterophyllus</i> Podlech	Endemic to Iran	F.
	915	<i>Astragalus hymenostegis</i> Fisch. & C.A.Mey.	Endemic to Iran	2
	916	<i>Astragalus iranicus</i> Bunge	Native to Iran	1, 4, 9, F.
	917	<i>Astragalus jessenii</i> Bunge	Endemic to Iran	2, 8
	918	<i>Astragalus jodostachys</i> Boiss. & Buhse	Native to Iran	4
	919	<i>Astragalus kapherrianus</i> Fisch.	Native to Iran	9
	920	<i>Astragalus keredjensis</i> Podlech	Endemic to Iran	4
	921	<i>Astragalus khadem-kandicus</i> Maassoumi & Podlech	Endemic to Iran Subendemic to Zanzan	4, 9, 23, F.
	922	<i>Astragalus khunsarensis</i> Zarre & Podlech	Endemic to Iran	F.
	923	<i>Astragalus kirpicznikovii</i> Grossh.	Native to Iran	9
	924	<i>Astragalus kirrindicus</i> Boiss.	Native to Iran	2, 8
	925	<i>Astragalus lagopoides</i> Lam.	Native to Iran	4, 9
	926	<i>Astragalus leptynticus</i> Maassoumi	Endemic to Iran	4
	927	<i>Astragalus lilacinus</i> Boiss.	Endemic to Iran	1
	928	<i>Astragalus macrocephalus</i> Willd. subsp. <i>macrocephalus</i>	Native to Iran	4, 9
	929	<i>Astragalus macropelmatus</i> Bunge subsp. <i>macropelmatus</i>	Native to Iran	9
	930	<i>Astragalus macrourus</i> Fisch. & C.A.Mey.	Native to Iran	F.
	931	<i>Astragalus mahneshanensis</i> Maassoumi & Mousavi	Endemic to Zanzan, Iran	9, F.
	932	<i>Astragalus marandicus</i> Podlech	Endemic to Iran	F.
	933	<i>Astragalus marivanensis</i> Maassoumi & Podlech	Native to Iran	9
	934	<i>Astragalus megalotropis</i> C.A.Mey. ex Bunge	Native to Iran	9
	935	<i>Astragalus melanostictus</i> Freyn	Native to Iran	4, 9
	936	<i>Astragalus meshkinensis</i> Podlech	Endemic to Zanzan, Iran	9, 25, F.
	937	<i>Astragalus michauxianus</i> Boiss.	Native to Iran	9
	938	<i>Astragalus microcephalus</i> Willd.	Native to Iran	1, 2, 4, 8
	939	<i>Astragalus microcephalus</i> Willd. subsp. <i>microcephalus</i>	Native to Iran	9
	940	<i>Astragalus montis-queydari</i> F.Ghahrem., Maassoumi & Bagheri	Endemic to Zanzan, Iran	9, 16, F.
	941	<i>Astragalus mostafa-assadii</i> Bagheri, Maassoumi, F.Ghahrem. & Podlech	Endemic to Zanzan, Iran	11
	942	<i>Astragalus multijugus</i> DC.	Endemic to Iran	4, 9

	943	<i>Astragalus neoiranshahrii</i> Maassoumi & Amini Rad	Endemic to Zanjan, Iran	32, F.
	944	<i>Astragalus nervistipulus</i> Boiss. & Hausskn.	Native to Iran	9
	945	<i>Astragalus odoratus</i> Lam.	Native to Iran	9, 18
	946	<i>Astragalus onobrychis</i> L.	Native to Iran	2
	947	<i>Astragalus ornithopodioides</i> Lam.	Native to Iran	2
	948	<i>Astragalus ovinus</i> Boiss.	Native to Iran	4, 9
	949	<i>Astragalus oxyglottis</i> Steven ex M.Bieb.	Native to Iran	2, 4, 9
	950	<i>Astragalus paralipomenus</i> Bunge	Native to Iran	2, 4, 8, 9
	951	<i>Astragalus paralurges</i> Bunge	Endemic to Iran	1, 4, 9
	952	<i>Astragalus paralurgiformis</i> F.Ghahrem., Maassoumi & Bagheri	Endemic to Zanjan, Iran	11
	953	<i>Astragalus patrius</i> Maassoumi	Endemic to Iran	4, 9, F.
	954	<i>Astragalus pauxillis</i> Maassoumi & F.Ghahrem.	Endemic to Iran	9
	955	<i>Astragalus pediculariformis</i> Maassoumi	Endemic to Iran Subendemic to Zanjan	4, 9
	956	<i>Astragalus pendulipodus</i> Ranjbar & Karamian	Endemic to Zanjan, Iran	9, 33, F.
	957	<i>Astragalus pentanthus</i> Boiss.	Endemic to Iran	9, F.
	958	<i>Astragalus pileh-khasehensis</i> Podlech & Maassoumi	Endemic to Zanjan, Iran	9, 23, F.
	959	<i>Astragalus pinetorum</i> Boiss. subsp. <i>pinetorum</i>	Native to Iran	4
	960	<i>Astragalus pluriflorus</i> F.Ghahrem., Maassoumi, Bagheri & Podlech	Endemic to Zanjan, Iran	11
	961	<i>Astragalus podocarpus</i> C.A. Mey.	Native to Iran	4, 9, F.
	962	<i>Astragalus polyanthus</i> Bunge	Native to Iran	2, 8, 9
	963	<i>Astragalus pseudocomosus</i> Maassoumi, F.Ghahrem. & Bagheri	Endemic to Zanjan, Iran	32, F.
	964	<i>Astragalus pseudoparalurges</i> F.Ghahrem., Maassoumi, Bagheri & Podlech	Endemic to Zanjan, Iran	11
	965	<i>Astragalus pseudoutriger</i> Grossh.	Native to Iran	4, 9
	966	<i>Astragalus psilostylus</i> Bunge	Endemic to Iran	9
	967	<i>Astragalus pycnocephalus</i> Fisch.	Native to Iran	2, 8
	968	<i>Astragalus qeydarnabiensis</i> Bagheri, F.Ghahrem. & Maassoumi	Endemic to Zanjan, Iran	9, 10
	969	<i>Astragalus qorvehensis</i> Podlech	Endemic to Iran	9
	970	<i>Astragalus refractus</i> C.A.Mey.	Native to Iran	9
	971	<i>Astragalus remotiflorus</i> subsp. <i>melanogramma</i> (Boiss.) Tietz & Zarre	Endemic to Iran	4
	972	<i>Astragalus remotispicatus</i> Bagheri & Maassoumi	Endemic to Zanjan, Iran	34
	973	<i>Astragalus rhodosemius</i> Boiss. & Hausskn.	Endemic to Iran	1, 9
	974	<i>Astragalus robustus</i> Bunge	Native to Iran	1, 4, F.
	975	<i>Astragalus rubicalyx</i> Maassoumi	Endemic to Zanjan, Iran	F.
	976	<i>Astragalus rubriflorus</i> Bunge	Endemic to Iran	18
	977	<i>Astragalus rubrostriatus</i> Bunge	Endemic to Iran	1, 2, 4, 8, 9
	978	<i>Astragalus ruscifolius</i> Boiss.	Endemic to Iran	4
	979	<i>Astragalus saccatus</i> Boiss.	Endemic to Iran	9
	980	<i>Astragalus schemachensis</i> Karjagin	Native to Iran	9

	981	<i>Astragalus schmalhauseni</i> Bunge	Native to Iran	4, 9
	982	<i>Astragalus sciureus</i> Boiss. & Hohen.	Endemic to Iran	1, 2, 8, 9
	983	<i>Astragalus segregatus</i> Zarre & Podlech	Endemic to Iran	F.
	984	<i>Astragalus semilunatus</i> Podlech	Endemic to Zanjan, Iran	1, 4, 9
	985	<i>Astragalus senilis</i> Bornm.	Endemic to Iran	9, F.
	986	<i>Astragalus sevangensis</i> Grossh.	Native to Iran	4, F.
	987	<i>Astragalus siliquosus</i> Boiss. subsp. <i>siliquosus</i>	Native to Iran	4, 9
	988	<i>Astragalus singarensis</i> Boiss. & Hausskn.	Native to Iran	4, 9, F.
	989	<i>Astragalus sohrevardianus</i> Bagheri, Maassoumi & F.Ghahrem.	Endemic to Zanjan, Iran	11
	990	<i>Astragalus sosnowskyi</i> Grossh.	Native to Iran	9, 10
	991	<i>Astragalus stenolepis</i> Fisch.	Endemic to Iran	1, 2, 8, 18
	992	<i>Astragalus stevenianus</i> DC.	Native to Iran	2, 4, 8
	993	<i>Astragalus strictifolius</i> Boiss.	Native to Iran	2
	994	<i>Astragalus subaspadanus</i> Maassoumi, F. Ghahrem. & Bagheri	Endemic to Zanjan, Iran	32, F.
	995	<i>Astragalus subkhrudicus</i> Maassoumi, F.Ghahrem. & Bagheri	Endemic to Zanjan, Iran	9, 10
	996	<i>Astragalus sublaguriformis</i> Bagheri, Maassoumi & F.Ghahrem.	Endemic to Zanjan, Iran	11
	997	<i>Astragalus submitis</i> Boiss. & Hohen.	Endemic to Iran	4, 9, 18
	998	<i>Astragalus subrecognitus</i> Bagheri, Maassoumi & F.Ghahrem.	Endemic to Zanjan, Iran	4, 9, 10
	999	<i>Astragalus subsecundus</i> Boiss. & Hohen.	Native to Iran	2, 8
	1000	<i>Astragalus supervisus</i> (Kuntze) E.Sheld.	Endemic to Iran	9, F.
	1001	<i>Astragalus tabrizianus</i> Fisch.	Endemic to Iran	1, 4, 9,
	1002	<i>Astragalus taebiae</i> Zarre & Podlech	Endemic to Iran	F.
	1003	<i>Astragalus takhtadzhianii</i> Grossh.	Native to Iran	F.
	1004	<i>Astragalus tawilicus</i> C.C.Towns.	Native to Iran	9
	1005	<i>Astragalus teheranicus</i> Boiss. & Hohen.	Endemic to Iran	F.
	1006	<i>Astragalus tribuloides</i> Delile	Native to Iran	4
	1007	<i>Astragalus tricholobus</i> DC.	Endemic to Iran	1, 2, 4, 8, 9
	1008	<i>Astragalus urmiensis</i> Bunge	Native to Iran	4, 9
	1009	<i>Astragalus vicarius</i> Lipsky	Native to Iran	4, 9
	1010	<i>Astragalus viridis</i> Bunge	Native to Iran	F.
	1011	<i>Astragalus vegetus</i> Bunge	Endemic to Iran	4, 9, F.
	1012	<i>Astragalus versus</i> Olivier	Native to Iran	4, 9
	1013	<i>Astragalus zanjanensis</i> Podlech & Maassoumi	Endemic to Iran Subendemic to Zanjan	4, 9, 23, F.
303	1014	<i>Cercis siliquastrum</i> L.	Native to Iran	1, 2, 3, 5, 8
304	1015	<i>Cicer anatolicum</i> Alef.	Native to Iran	1, 2, 4, 8
	1016	<i>Cicer oxyodon</i> Boiss. & Hohen.	Native to Iran	2, 8, F.
	1017	<i>Cicer tragacanthoides</i> Jaub. & Spach	Native to Iran	2
305	1018	<i>Coronilla varia</i> L.	Native to Iran	2, 3, 4, 6, 8, 18
	1019	<i>Coronilla scorpioides</i> (L.) W.D.J.Koch	Native to Iran	F.
306	1020	<i>Colutea cilicica</i> Boiss. & Balansa	Native to Iran	F.
307	1021	<i>Glycyrrhiza aspera</i> Pall.	Native to Iran	18, F.
	1022	<i>Glycyrrhiza glabra</i> L.	Native to Iran	2, 3, 7, 18, F.
308	1023	<i>Caragana halodendron</i> (Pall.) Dum.Cours.	Native to Iran	F.

309	1024	<i>Hedysarum alamutense</i> Nafisi & Kaz.Osaloo	Endemic to Iran	F.
	1025	<i>Hedysarum Callithrix</i> Bunge ex Boiss.	Native to Iran	F.
	1026	<i>Hedysarum criniferum</i> Boiss.	Endemic to Iran	1, 2, 4
	1027	<i>Hedysarum formosum</i> Fisch. & C.A.Mey. ex Basiner	Native to Iran	2
	1028	<i>Hedysarum halophilum</i> Bornm. & Gauba	Endemic to Iran	4
	1029	<i>Hedysarum ibericum</i> M.Bieb.	Subendemic to Iran	18
	1030	<i>Hedysarum micropterum</i> Bunge ex Boiss.	Native to Iran	4
	1031	<i>Hedysarum singarense</i> Boiss. & Hausskn.	Native to Iran	19
310	1032	<i>Hippocrepis constricta</i> Kunze	Native to Iran	2
311	1033	<i>Lathyrus aphaca</i> L.	Native to Iran	2, 6, 7
	1034	<i>Lathyrus boissieri</i> Širj.	Native to Iran	2, 4, 8, 18
	1035	<i>Lathyrus cicera</i> L.	Native to Iran	F.
	1036	<i>Lathyrus inconspicuus</i> L.	Native to Iran	1, 2, 8
	1037	<i>Lathyrus oleraceus</i> Lam.	Native to Iran	18
	1038	<i>Lathyrus pratensis</i> L.	Native to Iran	18
	1039	<i>Lathyrus sativus</i> L.	Introduced into Iran	7
312	1040	<i>Lotus corniculatus</i> L.	Native to Iran	2, 3, 4, 8, 18, F.
	1041	<i>Lotus gebelia</i> Vent.	Native to Iran	1, 2, 4, 8
	1042	<i>Lotus michauxianus</i> Ser.	Subendemic to Iran	2
313	1043	<i>Medicago astroites</i> (Fisch. & C.A.Mey.) Trautv.	Native to Iran	2
	1044	<i>Medicago coronata</i> (L.) Bartal.	Native to Iran	2, 8
	1045	<i>Medicago lupulina</i> L.	Native to Iran	4, 18
	1046	<i>Medicago medicaginoides</i> (Retz.) E.Small	Native to Iran	4, F.
	1047	<i>Medicago minima</i> (L.) Bartal.	Native to Iran	2
	1048	<i>Medicago monantha</i> (C.A.Mey.) Trautv.	Native to Iran	2, 4, 8, F.
	1049	<i>Medicago orbicularis</i> (L.) Bartal.	Native to Iran	1
	1050	<i>Medicago polymorpha</i> L.	Native to Iran	1
	1051	<i>Medicago radiata</i> L.	Native to Iran	2, 4, 18
	1052	<i>Medicago sativa</i> L.	Native to Iran	2, 3, 4, 8, 18
314	1053	<i>Melilotus albus</i> Medik.	Native to Iran	2
	1054	<i>Melilotus indicus</i> (L.) All.	Native to Iran	1, 4
	1055	<i>Melilotus officinalis</i> (L.) Lam.	Native to Iran	1, 2, 3, 4, 7, 18, F.
315	1056	<i>Onobrychis amoena</i> Popov & Vved.	Native to Iran	1
	1057	<i>Onobrychis atropatana</i> Boiss.	Native to Iran	4
	1058	<i>Onobrychis aucheri</i> Boiss.	Native to Iran	1, 2
	1059	<i>Onobrychis aucheri</i> Boiss. subsp. <i>tehranica</i> (Bornm.) Rech.f.	Native to Iran	4, F.
	1060	<i>Onobrychis buhseana</i> Bunge ex Boiss.	Subendemic to Iran	F.
	1061	<i>Onobrychis bungei</i> Boiss.	Subendemic to Iran	F.
	1062	<i>Onobrychis cornuta</i> (L.) Desv.	Native to Iran	2, 4, 8, 18, F.
	1063	<i>Onobrychis lunata</i> Boiss.	Subendemic to Iran	4
	1064	<i>Onobrychis major</i> (Boiss.) Hand.-Mazz.	Subendemic to Iran	2, 4, 8
	1065	<i>Onobrychis melanotricha</i> Boiss.	Endemic to Iran	4, F.
	1066	<i>Onobrychis michauxii</i> DC.	Subendemic to Iran	1, 2, 8, 18
	1067	<i>Onobrychis subacaulis</i> var. <i>erecta</i> Amirab.	Endemic to Zanjan, Iran	F.
	1068	<i>Onobrychis subacaulis</i> Boiss. var. <i>subacaulis</i>	Native to Iran	F.
	1069	<i>Onobrychis subnitens</i> Bornm.	Endemic to Iran	4
316	1070	<i>Ononis spinosa</i> L.	Native to Iran	1, 2, 3, 4, 18, F.
317	1071	<i>Oxytropis aucheri</i> Boiss.	Endemic to Iran	4, F.
	1072	<i>Oxytropis karjaginii</i> Grossh.	Native to Iran	4, F.

	1073	<i>Oxytropis kopetdagensis</i> Gontsch.	Subendemic to Iran	2
	1074	<i>Oxytropis kotschyana</i> Boiss. & Hohen.	Endemic to Iran	4, F.
	1075	<i>Oxytropis mahneshanensis</i> Maassoumi	Endemic to Iran Subendemic to Zanzan	30, F.
318	1076	<i>Prosopis farcta</i> (Banks & Sol.) J.F.Macbr.	Native to Iran	1, 2, 8, F.
319	1077	<i>Scorpiurus muricatus</i> L.	Native to Iran	1
320	1078	<i>Sophora alopecuroides</i> L.	Native to Iran	4
	1079	<i>Sophora alopecuroides</i> var. <i>tomentosa</i> (Boiss.) Bornm.	Native to Iran	1, 3, 6, F.
321	1080	<i>Trifolium arvense</i> L.	Native to Iran	3
	1081	<i>Trifolium campestre</i> Schreb.	Native to Iran	4
	1082	<i>Trifolium fragiferum</i> L.	Native to Iran	4
	1083	<i>Trifolium hybridum</i> L.	Native to Iran	8, F.
	1084	<i>Trifolium micranthum</i> Viv.	Native to Iran	F.
	1085	<i>Trifolium pratense</i> L.	Native to Iran	1, 2, 3, 4, 18
	1086	<i>Trifolium repens</i> L.	Native to Iran	4
	1087	<i>Trifolium tomentosum</i> L.	Native to Iran	1
	1088	<i>Trifolium tumens</i> Steven ex M.Bieb.	Native to Iran	2
322	1089	<i>Trigonella coerulescens</i> (M.Bieb.) Halácsy	Native to Iran	1, 2, 3, F.
	1090	<i>Trigonella disperma</i> Bornm.	Endemic to Iran	2, 4, F.
	1091	<i>Trigonella elliptica</i> Boiss.	Endemic to Iran	2
	1092	<i>Trigonella spruneriana</i> Boiss.	Native to Iran	1, 2, F.
323	1093	<i>Vicia assyriaca</i> Boiss.	Native to Iran	2
	1094	<i>Vicia cappadocica</i> Boiss.	Native to Iran	2
	1095	<i>Vicia cracca</i> L.	Native to Iran	2, 8
	1096	<i>Vicia ervilia</i> (L.) Willd.	Native to Iran	2, 3, 4
	1097	<i>Vicia iranica</i> Boiss.	Native to Iran	18
	1098	<i>Vicia monantha</i> Retz.	Native to Iran	2
	1099	<i>Vicia monantha</i> Retz. subsp. <i>monantha</i>	Native to Iran	2
	1100	<i>Vicia narbonensis</i> L.	Native to Iran	2, 18
	1101	<i>Vicia orientalis</i> (Boiss.) Bég. & Diratz.	Native to Iran	2, 18
	1102	<i>Vicia peregrina</i> L.	Native to Iran	2
	1103	<i>Vicia sativa</i> L.	Native to Iran	4
	1104	<i>Vicia tenuifolia</i> subsp. <i>variabilis</i> (Freyn & Sint.) Dinsm.	Native to Iran	4
	1105	<i>Vicia villosa</i> Roth	Native to Iran	6, 7
		38. Fagaceae		
324	1106	<i>Quercus macranthera</i> Fisch. & C.A.Mey. ex Hohen.	Native to Iran	2, F.
	1107	<i>Quercus petraea</i> (Matt.) Liebl.	Native to Iran	2, 8
		39. Frankeniaceae		
325	1108	<i>Frankenia hirsuta</i> L.	Native to Iran	2
		40. Gentianaceae		
326	1109	<i>Centaurium erythraea</i> Rafn	Native to Iran	4
327	1110	<i>Gentiana olivieri</i> Griseb.	Native to Iran	2, 18
	1111	<i>Gentiana septemfida</i> Pall.	Native to Iran	2
328	1112	<i>Gentianopsis ciliata</i> (L.) Ma	Native to Iran	2
		41. Geraniaceae		
329	1113	<i>Erodium cicutarium</i> (L.) L'Hér.	Native to Iran	1, 2, 3, 4, 18, F.
	1114	<i>Erodium malacoides</i> (L.) L'Hér.	Native to Iran	2
	1115	<i>Erodium oxyrhinchum</i> M.Bieb.	Native to Iran	1
	1116	<i>Erodium oxyrhinchum</i> M.Bieb. subsp. <i>oxyrhinchum</i>	Native to Iran	4, F.

330	1117	<i>Geranium collinum</i> Stephan ex Willd.	Native to Iran	2, F.
	1118	<i>Geranium divaricatum</i> Ehrh.	Native to Iran	1
	1119	<i>Geranium kotschy</i> Boiss.	Native to Iran	1, F.
	1120	<i>Geranium lucidum</i> L.	Native to Iran	1
	1121	<i>Geranium persicum</i> Schönbn.-Tem.	Subendemic to Iran	2, 8, F.
	1122	<i>Geranium pyrenaicum</i> Burm. f.	Native to Iran	F.
	1123	<i>Geranium rotundifolium</i> L.	Native to Iran	2, 3
	1124	<i>Geranium tuberosum</i> L.	Native to Iran	1, 2, 4, 6, 7, 8, 18, F.
		42. Hypericaceae		
331	1125	<i>Hypericum elongatum</i> Ledeb. ex Rchb.	Native to Iran	4
	1126	<i>Hypericum helianthemoides</i> (Spach) Boiss.	Native to Iran	2, 4, 8, F.
	1127	<i>Hypericum linarioides</i> Bosse	Native to Iran	1
	1128	<i>Hypericum perforatum</i> L.	Native to Iran	1, 2, 3, 8
	1129	<i>Hypericum scabrum</i> L.	Native to Iran	1, 2, 4, 8, 18, F.
	1130	<i>Hypericum vermiculare</i> Boiss. & Hausskn.	Subendemic to Iran	F.
		43. Iridaceae		
332	1131	<i>Crocus cancellatus</i> Herb.	Native to Iran	4, F.
	1132	<i>Crocus haussknechtii</i> (Boiss. & Reut. ex Maw) Boiss.	Native to Iran	1, 2
333	1133	<i>Gladiolus atrovioleaceus</i> Boiss.	Native to Iran	1, 2, 4, 18
	1134	<i>Gladiolus italicus</i> Mill.	Native to Iran	6
	1135	<i>Gladiolus kotschyianus</i> Boiss.	Native to Iran	4
334	1136	<i>Iris acutiloba</i> C.A.Mey.	Native to Iran	8, F.
	1137	<i>Iris hymenopatha</i> subsp. <i>leptoneura</i> B.Mathew & Wendelbo	Subendemic to Iran	F.
	1138	<i>Iris meda</i> Stapf	Endemic to Iran	1, 4, F.
	1139	<i>Iris paradoxa</i> Steven	Native to Iran	2
	1140	<i>Iris pseudocaucaucasica</i> Grossh.	Native to Iran	4, 8
	1141	<i>Iris reticulata</i> M.Bieb.	Native to Iran	4
	1142	<i>Iris songarica</i> Schrenk ex Fisch. & C.A.Mey.	Native to Iran	2, 4, F.
	1143	<i>Iris spuria</i> L.	Native to Iran	2
	1144	<i>Iris spuria</i> L. subsp. <i>musulmanica</i> (Fomin) Takht.	Native to Iran	4, F.
335	1145	<i>Moraea sisyrinchium</i> (L.) Ker Gawl.	Native to Iran	2
		44. Ixiliaceae		
336	1146	<i>Ixiolirion tataricum</i> (Pall.) Schult. & Schult.f.	Native to Iran	1, 2, 4, 6, 7, 8, F.
		45. Juglandaceae		
337	1147	<i>Juglans regia</i> L.	Native to Iran	1, 5
		46. Juncaceae		
338	1148	<i>Juncus articulatus</i> L.	Native to Iran	2, 4
	1149	<i>Juncus bufonius</i> L.	Native to Iran	2, 4, 8
	1150	<i>Juncus compressus</i> Jacq.	Native to Iran	8
	1151	<i>Juncus inflexus</i> L.	Native to Iran	1, 2, 4, 8, F.
	1152	<i>Juncus persicus</i> Boiss.	Native to Iran	F.
	1153	<i>Juncus turkestanicus</i> V.I.Krecz. & Gontsch.	Native to Iran	F.
		47. Juncaginaceae		
339	1154	<i>Triglochin palustris</i> L.	Native to Iran	4
		48. Lamiaceae		
340	1155	<i>Ajuga chamaecistus</i> Ging. ex Benth.	Native to Iran	2
	1156	<i>Ajuga chamaecistus</i> Ging. ex Benth. subsp. <i>scoparia</i> (Boiss.) Rech.f.	Endemic to Iran	4
	1157	<i>Ajuga chamaepitys</i> (L.) Schreb. subsp. <i>chia</i> (Schreb.) Arcang.	Native to Iran	4, F.
341	1158	<i>Clinopodium graveolens</i> (M.Bieb.) Kuntze	Native to Iran	1, 4, F.

342	1159	<i>Dracocephalum ibericum</i> M.Bieb.	Native to Iran	1, 2, 3, 4, 8, 18, F.
	1160	<i>Dracocephalum peltatum</i> L.	Native to Iran	1, 18, F.
	1161	<i>Dracocephalum royleanum</i> Benth.	Native to Iran	4
	1162	<i>Dracocephalum thymiflorum</i> L.	Native to Iran	2
343	1163	<i>Lagochilus alutaceus</i> Bunge	Endemic to Iran	4
	1164	<i>Lagochilus aucheri</i> Boiss.	Endemic to Iran	1, 2, 4, F.
344	1165	<i>Lamium album</i> L.	Native to Iran	1, 2, 3, 18, F.
	1166	<i>Lamium amplexicaule</i> L.	Native to Iran	1, 2, 3, 6, 7, 8, 18
	1167	<i>Lamium amplexicaule</i> var. <i>allepicum</i> (Boiss. & Hausskn.) Bornm.	Native to Iran	1, 4, F.
	1168	<i>Lamium purpureum</i> L.	Native to Iran	2, 3
345	1169	<i>Lycopus europaeus</i> L.	Native to Iran	2, 3
346	1170	<i>Marrubium astracanicum</i> Jacq.	Native to Iran	1, 2, 4, 8, F.
	1171	<i>Marrubium crassidens</i> Boiss.	Subendemic to Iran	2, 8
	1172	<i>Marrubium cuneatum</i> Banks & Sol.	Native to Iran	2, 4, 8, 18, F.
	1173	<i>Marrubium parviflorum</i> Fisch. & C.A.Mey.	Native to Iran	4, 18, F.
347	1174	<i>Mentha longifolia</i> (L.) L.	Native to Iran	4, 18, F.
	1175	<i>Mentha longifolia</i> L. var. <i>amphilema</i> Briq. ex Rech.f.	Native to Iran	4, F.
	1176	<i>Mentha longifolia</i> var. <i>asiatica</i> (Boriss.) Rech.f.	Native to Iran	1, 3
348	1177	<i>Nepeta amoena</i> Stapf	Subendemic to Iran	F.
	1178	<i>Nepeta betonicifolia</i> subsp. <i>strictifolia</i> (Pojark.) Menitsky	Native to Iran	1, 4
	1179	<i>Nepeta bituminosa</i> (Fisch. & C.A.Mey.) Jamzad & Serpoosh.	Native to Iran	2, 8
	1180	<i>Nepeta cephalotes</i> Boiss.	Endemic to Iran	4, F.
	1181	<i>Nepeta heinzii</i> Idrees	Endemic to Iran	2
	1182	<i>Nepeta heliotropifolia</i> Lam.	Subendemic to Iran	1, 2, 4, 8, 18, F.
	1183	<i>Nepeta meyeri</i> Benth.	Native to Iran	1, F.
	1184	<i>Nepeta nuda</i> L.	Native to Iran	2
	1185	<i>Nepeta pogonosperma</i> Jamzad & Assadi	Endemic to Iran	F.
	1186	<i>Nepeta racemosa</i> Lam.	Native to Iran	4
	1187	<i>Nepeta racemosa</i> subsp. <i>crassifolia</i> (Boiss. & Buhse) A.L.Budantzev	Endemic to Iran	2
	1188	<i>Nepeta teucriifolia</i> subsp. <i>teucriifolia</i>	Native to Iran	4, F.
349	1189	<i>Pedicularis sibthorpii</i> Boiss.	Native to Iran	2
350	1190	<i>Phlomis herba-venti</i> L.	Native to Iran	2, F.
	1191	<i>Phlomis herba-venti</i> subsp. <i>pungens</i> (Willd.) Maire ex DeFilipps	Native to Iran	2
	1192	<i>Phlomis lanceolata</i> Boiss. & Hohen.	Native to Iran	1, F.
	1193	<i>Phlomis olivieri</i> Benth.	Subendemic to Iran	1, 2, 4, 8, 18, F.
	1194	<i>Phlomis orientalis</i> Mill.	Subendemic to Iran	2, F.
	1195	<i>Phlomis persica</i> Boiss.	Endemic to Iran	4, F.
351	1196	<i>Phlomoides laciniata</i> (L.) Kamelin & Makhm.	Native to Iran	1, 18, F.
	1197	<i>Phlomoides laevigata</i> (Bunge) Kamelin & Makhm.	Subendemic to Iran	1, 2, 4
	1198	<i>Phlomoides molucelloides</i> (Bunge) Salmaki	Native to Iran	4
352	1199	<i>Prunella vulgaris</i> L.	Native to Iran	4, F.
353	1200	<i>Salvia aethiopis</i> L.	Native to Iran	2, 3
	1201	<i>Salvia aristata</i> Aucher ex Benth.	Subendemic to Iran	1, 2, 4, 18, F.
	1202	<i>Salvia atropatana</i> Bunge	Native to Iran	2, 4, F.
	1203	<i>Salvia ceratophylla</i> L.	Native to Iran	1, 2, 4, 7, F.
	1204	<i>Salvia grossheimii</i> Sosn.	Subendemic to Iran	2
	1205	<i>Salvia hydrangea</i> DC. ex Benth.	Native to Iran	1, 2, 3, 4, 18

	1206	<i>Salvia hypoleuca</i> Benth.	Endemic to Iran	8
	1207	<i>Salvia limbata</i> C.A.Mey.	Native to Iran	2, 4, 18, F.
	1208	<i>Salvia macrosiphon</i> Boiss.	Native to Iran	18
	1209	<i>Salvia multicaulis</i> Vahl	Native to Iran	2, 4, F.
	1210	<i>Salvia nemorosa</i> L.	Native to Iran	1, 4, 18, F.
	1211	<i>Salvia palaestina</i> Benth.	Native to Iran	18
	1212	<i>Salvia reuteriana</i> Boiss.	Subendemic to Iran	1
	1213	<i>Salvia sclarea</i> L.	Native to Iran	1
	1214	<i>Salvia spinosa</i> L.	Native to Iran	2, 3, 4, F.
	1215	<i>Salvia syriaca</i> L.	Native to Iran	2, 4
	1216	<i>Salvia verticillata</i> L.	Native to Iran	4, F.
	1217	<i>Salvia virgata</i> Jacq.	Native to Iran	2
	1218	<i>Salvia viridis</i> L.	Native to Iran	1, 3
	1219	<i>Salvia xanthocheila</i> Boiss. ex Benth.	Native to Iran	4, 18
354	1220	<i>Satureja macrantha</i> C.A.Mey.	Native to Iran	F.
	1221	<i>Satureja sahendica</i> Bornm.	Endemic to Iran	2, F.
355	1222	<i>Scutellaria albida</i> subsp. <i>condensata</i> (Rech.f.) J.R.Edm.	Native to Iran	2, 8
	1223	<i>Scutellaria bornmuelleri</i> Hausskn. ex Bornm.	Native to Iran	2, F.
	1224	<i>Scutellaria persica</i> Bornm.	Endemic to Iran	2
	1225	<i>Scutellaria pinnatifida</i> A.Ham.	Native to Iran	2, 18
	1226	<i>Scutellaria pinnatifida</i> A.Ham. subsp. <i>alpina</i> (Bornm.) Rech.f.	Subendemic to Iran	4
	1227	<i>Scutellaria pinnatifida</i> A.Ham. subsp. <i>mucida</i> (Stapf) Rech.f.	Endemic to Iran	4, F.
	1228	<i>Scutellaria pinnatifida</i> A.Ham. subsp. <i>Pichleri</i> (Stapf) Rech.f.	Native to Iran	4, F.
356	1229	<i>Stachys alpina</i> L. subsp. <i>alpina</i>	Native to Iran	2
	1230	<i>Stachys annua</i> (L.) L.	Native to Iran	1
	1231	<i>Stachys annua</i> (L.) L. subsp. <i>annua</i>	Native to Iran	18
	1232	<i>Stachys fruticulosa</i> M.Bieb.	Native to Iran	1, 4, 8, F.
	1233	<i>Stachys inflata</i> Benth.	Native to Iran	2, 3, 4, 18, F.
	1234	<i>Stachys lavandulifolia</i> Vahl	Native to Iran	1, 2, 3, 4, 8, 18, F.
	1235	<i>Stachys multicaulis</i> Benth.	Endemic to Iran	2, 8
	1236	<i>Stachys setifera</i> C.A.Mey.	Native to Iran	1, 2, 4, 18
	1237	<i>Stachys spectabilis</i> Choisy ex DC.	Native to Iran	2, 4, 8, F.
357	1238	<i>Teucrium chamaedrys</i> L.	Native to Iran	2, 3, 8, F.
	1239	<i>Teucrium orientale</i> L.	Native to Iran	2, 4, 8, 18, F.
	1240	<i>Teucrium orientale</i> var. <i>glabrescens</i> Hausskn. ex Bornm.	Native to Iran	4, F.
	1241	<i>Teucrium parviflorum</i> Schreb.	Native to Iran	2, F.
	1242	<i>Teucrium polium</i> L.	Native to Iran	1, 2, 3, 4, 8, 18, F.
	1243	<i>Teucrium scordium</i> L.	Native to Iran	2, 3, 8
358	1244	<i>Thymus daenensis</i> Čelak.	Subendemic to Iran	2, 4, F.
	1245	<i>Thymus daenensis</i> subsp. <i>lancifolius</i> (Čelak.) Jalas	Subendemic to Iran	1, 3, 4
	1246	<i>Thymus fallax</i> Fisch. & C. A. Mey.	Native to Iran	F.
	1247	<i>Thymus fedtschenkoi</i> Ronniger	Native to Iran	4, F.
	1248	<i>Thymus kotschyanus</i> Boiss. & Hohen.	Native to Iran	2, 3, 4, 8, F.
	1249	<i>Thymus migricus</i> Klokov & Des.-Shost.	Native to Iran	4
	1250	<i>Thymus persicus</i> (Ronniger ex Rech.f.) Jalas	Endemic to Zanzan, Iran	2, F.
	1251	<i>Thymus pubescens</i> Boiss & Kotschy ex Čelak.	Native to Iran	4, F.
	1252	<i>Thymus transcaasicus</i> Ronniger	Native to Iran	2, 4, 8
	1253	<i>Thymus trautvetteri</i> Klokov & Des.-Shost.	Subendemic to Iran	4
359	1254	<i>Ziziphora capitata</i> L.	Native to Iran	2, 4, 8

	1255	<i>Ziziphora clinopodioides</i> Lam.	Native to Iran	1, 2, 3, 4, 8,
	1256	<i>Ziziphora persica</i> Bunge	Native to Iran	1
	1257	<i>Ziziphora tenuior</i> L.	Native to Iran	1, 2, 3, 4, 18, F.
		49. Liliaceae		
360	1258	<i>Fritillaria assyriaca</i> Baker	Native to Iran	4
	1259	<i>Fritillaria crassifolia</i> Boiss. & A.Huet	Native to Iran	F.
	1260	<i>Fritillaria imperialis</i> L.	Native to Iran	F.
	1261	<i>Fritillaria gibbosa</i> Boiss.	Native to Iran	1, 4, F.
	1262	<i>Fritillaria kotschyana</i> Herb.	Endemic to Iran	2, 8
	1263	<i>Fritillaria olivieri</i> Baker	Endemic to Iran	4
	1264	<i>Fritillaria persica</i> L.	Native to Iran	4, F.
	1265	<i>Fritillaria pinardii</i> Boiss. subsp. <i>pinardii</i>	Native to Iran	4, F.
361	1266	<i>Gagea chomutovae</i> (Pascher) Pascher	Native to Iran	1
	1267	<i>Gagea circumplexa</i> Vved.	Native to Iran	F.
	1268	<i>Gagea confusa</i> A.Terracc.	Native to Iran	F.
	1269	<i>Gagea dschungarica</i> Regel	Native to Iran	1
	1270	<i>Gagea fragifera</i> (Vill.) E.Bayer & G.López	Native to Iran	F.
	1271	<i>Gagea gageoides</i> (Zucc.) Vved.	Native to Iran	18
	1272	<i>Gagea graminifolia</i> Vved.	Native to Iran	8
	1273	<i>Gagea kunawurensis</i> (Royle) Greuter	Native to Iran	1, F.
	1274	<i>Gagea lutea</i> (L.) Ker Gawl.	Native to Iran	6
	1275	<i>Gagea reticulata</i> (Pall.) Schult. & Schult.f.	Native to Iran	1, F.
362	1276	<i>Tulipa biflora</i> Pall.	Native to Iran	1, F.
	1277	<i>Tulipa hoogiana</i> B.Fedtsch.	Subendemic to Iran	1, 2
	1278	<i>Tulipa humilis</i> Herb.	Native to Iran	4, 8, F.
	1279	<i>Tulipa montana</i> Lindl.	Subendemic to Iran	1, 2, 4, F.
	1280	<i>Tulipa suaveolens</i> Roth	Native to Iran	4
	1281	<i>Tulipa systola</i> Stapf	Native to Iran	2, F.
	1282	<i>Tulipa sylvestris</i> subsp. <i>australis</i> (Link) Pamp.	Native to Iran	2
	1283	<i>Tulipa undulatifolia</i> var. <i>melchiana</i> (Hoog) Wilford	Native to Iran	1
		50. Linaceae		
363	1284	<i>Linum album</i> Kotschy ex Boiss.	Endemic to Iran	4, 18
	1285	<i>Linum austriacum</i> L.	Native to Iran	4, 18
	1286	<i>Linum austriacum</i> subsp. <i>glaucescens</i> (Boiss.) P.H.Davis	Native to Iran	4
	1287	<i>Linum catharticum</i> L.	Native to Iran	1, 2, 3
	1288	<i>Linum mucronatum</i> Bertol subsp. <i>mucronatum</i>	Native to Iran	6, 18
	1289	<i>Linum mucronatum</i> Bertol. subsp. <i>orientale</i> (Boiss.) P.H.Davis	Native to Iran	4, F.
	1290	<i>Linum nodiflorum</i> L.	Native to Iran	1
	1291	<i>Linum usitatissimum</i> L.	Native to Iran	1, 3, 6
		51. Lythraceae		
364	1292	<i>Lythrum salicaria</i> L.	Native to Iran	3, 18, F.
365	1293	<i>Punica granatum</i> L.	Native to Iran	1, 2, 3, 5, 8
		52. Malvaceae		
366	1294	<i>Abutilon theophrasti</i> Medik.	Introduced into Iran	2, 3
367	1295	<i>Alcea arbelensis</i> var. <i>crassicaulis</i> (I.Riedl) Pakravan	Endemic to Iran	17, F.
	1296	<i>Alcea digitata</i> (Boiss.) Alef.	Native to Iran	2, 8
	1297	<i>Alcea flavovirens</i> (Boiss. & Buhse) Iljin	Native to Iran	F.
	1298	<i>Alcea kurdica</i> (Schlecht.) Alef. var. <i>kurdica</i>	Native to Iran	4
	1299	<i>Alcea transcaucasica</i> (Iljin) Iljin	Native to Iran	1, 2
	1300	<i>Alcea wilhelminae</i> var. <i>lineariloba</i> (I.Riedl) Pakravan	Endemic to Iran	1, 2, 3, 8, F.

368	1301	<i>Althaea officinalis</i> L.	Native to Iran	F.
369	1302	<i>Hibiscus trionum</i> L.	Native to Iran	2, 3, 4
370	1303	<i>Malva aegyptia</i> L.	Native to Iran	1
	1304	<i>Malva neglecta</i> Wallr.	Native to Iran	1, 2, 3, 4, 18
	1305	<i>Malva parviflora</i> L.	Native to Iran	6, 18
		53. Moraceae		
371	1306	<i>Ficus carica</i> L.	Native to Iran	1, 2, 3, 5, 8, F.
372	1307	<i>Morus alba</i> L.	Introduced into Iran	4, 5
	1308	<i>Morus nigra</i> L.	Native to Iran	5
		54. Oleaceae		
373	1309	<i>Chrysojasminum fruticans</i> (L.) Banfi	Native to Iran	1, 2, 5, F.
374	1310	<i>Fraxinus angustifolia</i> Vahl	Native to Iran	2, 3, 5
	1311	<i>Fraxinus angustifolia</i> subsp. <i>syriaca</i> (Boiss.) Yalt.	Native to Iran	4, F.
	1312	<i>Fraxinus excelsior</i> L.	Native to Iran	2, 3, 5
		55. Onagraceae		
375	1313	<i>Epilobium hirsutum</i> L.	Native to Iran	2, 18
	1314	<i>Epilobium minutiflorum</i> Hausskn.	Native to Iran	F.
	1315	<i>Epilobium roseum</i> subsp. <i>subsessile</i> (Boiss.) P.H.Raven	Native to Iran	1, 4, F.
		56. Orchidaceae		
376	1316	<i>Anacamptis palustris</i> (Jacq.) R.M.Bateman, Pridgeon & M.W.Chase	Native to Iran	2, 4, F.
377	1317	<i>Dactylorhiza iberica</i> (M.Bieb. ex Willd.) Soó	Native to Iran	4
	1318	<i>Dactylorhiza incarnata</i> subsp. <i>cilicica</i> (Klinge) H.Sund.	Native to Iran	2, 4, 18, F.
378	1319	<i>Neottia ovata</i> (L.) Hartm.	Native to Iran	18
379	1320	<i>Orchis mascula</i> (L.) L.	Native to Iran	1, 2, 3, 8
	1321	<i>Orchis simia</i> Lam.	Native to Iran	1
		57. Orobanchaceae		
380	1322	<i>Bungea trifida</i> (Vahl) C.A.Mey.	Native to Iran	2, 4, 8, F.
381	1323	<i>Euphrasia pectinata</i> Ten.	Native to Iran	2, 4
382	1324	<i>Odontites aucheri</i> Boiss.	Native to Iran	2, 4, 8
383	1325	<i>Orobanche aegyptiaca</i> Pers.	Native to Iran	4, F.
	1326	<i>Orobanche arenaria</i> Borkh.	Native to Iran	F.
	1327	<i>Orobanche bungeana</i> Beck	Native to Iran	4
	1328	<i>Orobanche caryophyllacea</i> Sm.	Native to Iran	1, F.
	1329	<i>Orobanche cernua</i> Loeffl.	Native to Iran	4, F.
	1330	<i>Orobanche cilicica</i> Beck	Native to Iran	F.
	1331	<i>Orobanche coelestis</i> (Reut.) Boiss. & Reut. ex Beck	Native to Iran	F.
	1332	<i>Orobanche hirtiflora</i> (Reut.) Burkill	Native to Iran	4
	1333	<i>Orobanche kotschyi</i> Reut.	Native to Iran	F.
	1334	<i>Orobanche longibracteata</i> Schiman-Czeika	Native to Iran	4
	1335	<i>Orobanche mutellii</i> F.W.Schultz	Native to Iran	F.
	1336	<i>Orobanche oxyloba</i> (Reut.) Beck	Native to Iran	F.
	1337	<i>Orobanche ramosa</i> L.	Native to Iran	4
384	1338	<i>Parentucellia latifolia</i> (L.) Caruel	Native to Iran	1
		58. Oxalidaceae		
385	1339	<i>Oxalis corniculata</i> L.	Introduced into Iran	2, 3
		59. Papaveraceae		
386	1340	<i>Corydalis cava</i> subsp. <i>marschalliana</i> (Willd.) Hayek	Native to Iran	2, 8
	1341	<i>Corydalis verticillaris</i> subsp. <i>boissieri</i> (Prain) Wendelbo	Endemic to Iran	1, 2, F.
	1342	<i>Corydalis verticillaris</i> DC. subsp. <i>verticillaris</i>	Native to Iran	4, F.

387	1343	<i>Fumaria asepalae</i> Boiss.	Native to Iran	1, 2, 3, 4, 6, 7, 18, F.
	1344	<i>Fumaria vaillantii</i> Loisel.	Native to Iran	1, 2, 3, 4, 6, 18, F.
388	1345	<i>Glaucium calycinum</i> Boiss.	Endemic to Iran	4, F.
	1346	<i>Glaucium contortuplicatum</i> Boiss.	Endemic to Iran	1, 4, F.
	1347	<i>Glaucium corniculatum</i> (L.) Rudolph	Native to Iran	1
	1348	<i>Glaucium elegans</i> Fisch. & C.A.Mey.	Native to Iran	1, 2, 4, 6
	1349	<i>Glaucium flavum</i> Crantz	Native to Iran	1
	1350	<i>Glaucium grandiflorum</i> Boiss. & A.Huet	Native to Iran	1, 4, 6, F.
	1351	<i>Glaucium grandiflorum</i> var. <i>iranicum</i> Mory	Endemic to Iran	F.
	1352	<i>Glaucium oxylobum</i> Boiss. & Buhse	Native to Iran	1, 2, F.
389	1353	<i>Hypecoum pendulum</i> L.	Native to Iran	2, 6, 7, 18
	1354	<i>Hypecoum pendulum</i> L. var. <i>pendulum</i>	Native to Iran	4, F.
390	1355	<i>Papaver arenarium</i> M.Bieb.	Native to Iran	2
	1356	<i>Papaver armeniacum</i> L. subsp. <i>armeniaceum</i>	Native to Iran	2, 4, 8, 18
	1357	<i>Papaver bracteatum</i> Lindl.	Native to Iran	2, 3
	1358	<i>Papaver commutatum</i> Fisch., C.A.Mey. & Trautv.	Native to Iran	1
	1359	<i>Papaver decaisnei</i> (Elkan) Hochst. & Steud. ex Boiss.	Native to Iran	1, 2
	1360	<i>Papaver dubium</i> L.	Native to Iran	1, 7, 18, F.
	1361	<i>Papaver glaucum</i> Boiss. & Hausskn.	Native to Iran	1, 4, F.
	1362	<i>Papaver glaucum</i> var. <i>gaubae</i> (Cullen & Rech.f.) Sharifnia & Heydarian	Endemic to Iran	2
	1363	<i>Papaver macrostomum</i> Boiss. & A.Huet	Native to Iran	1, F.
	1364	<i>Papaver orientale</i> L.	Native to Iran	1, 2, 3, F.
	1365	<i>Papaver tenuifolium</i> Boiss. & Hohen.	Endemic to Iran	1, F.
391	1366	<i>Roemeria argemone</i> (L.) C.Morales, R.Mend. & Romero García	Native to Iran	4, 18
	1367	<i>Roemeria hybrida</i> (L.) DC.	Native to Iran	1, 4, 6, 18, F.
	1368	<i>Roemeria pavonina</i> (Schrenk) Banfi, Bartolucci, J.-M.Tison & Galasso	Native to Iran	1
	1369	<i>Roemeria refracta</i> DC.	Native to Iran	4, 6, 18
	1370	<i>Roemeria sicula</i> (Guss.) Galasso, Banfi, L.Sáez & Bartolucci	Native to Iran	1, 2, F.
		60. Parnassiaceae		
392	1371	<i>Parnassia palustris</i> L.	Native to Iran	4, F.
		61. Plantaginaceae		
393	1372	<i>Linaria azerbaijanensis</i> Hamdi & Assadi	Endemic to Iran	F.
	1373	<i>Linaria chalepensis</i> (L.) Mill. var. <i>chalepensis</i>	Native to Iran	1
	1374	<i>Linaria kurdica</i> Boiss. & Hohen.	Native to Iran	4
	1375	<i>Linaria lineolata</i> Boiss.	Native to Iran	2, 4, 8, F.
	1376	<i>Linaria simplex</i> Desf.	Native to Iran	4
394	1377	<i>Plantago atrata</i> Hoppe	Native to Iran	1, 2
	1378	<i>Plantago coronopus</i> L.	Native to Iran	1
	1379	<i>Plantago indica</i> L.	Native to Iran	1, 6
	1380	<i>Plantago lagopus</i> L.	Native to Iran	2
	1381	<i>Plantago lanceolata</i> L.	Native to Iran	1, 2, 3, 4, 6, 7, 8
	1382	<i>Plantago major</i> L.	Native to Iran	1, 2, 3, 4, 18, F.
	1383	<i>Plantago maritima</i> L.	Native to Iran	2, F.
	1384	<i>Plantago ovata</i> Forssk.	Native to Iran	1, 18
395	1385	<i>Veronica acrotheca</i> Bornm. & Gauba	Endemic to Iran	4, 6
	1386	<i>Veronica anagallis-aquatica</i> L.	Native to Iran	1, 2, 3, 4, 18, F.
	1387	<i>Veronica beccabunga</i> L.	Native to Iran	2, 3

	1388	<i>Veronica biloba</i> Schreb. ex L.	Native to Iran	1, 4
	1389	<i>Veronica campylopoda</i> Boiss.	Native to Iran	1, 7
	1390	<i>Veronica hederifolia</i> L.	Native to Iran	1
	1391	<i>Veronica kurdica</i> Benth.	Subendemic to Iran	2, 8
	1392	<i>Veronica microcarpa</i> Boiss.	Native to Iran	2
	1393	<i>Veronica multifida</i> L.	Native to Iran	1
	1394	<i>Veronica orientalis</i> Mill.	Native to Iran	1, 2, 4, 8, 18
	1395	<i>Veronica persica</i> Poir.	Native to Iran	7
		62. Platanaceae		
396	1396	<i>Platanus orientalis</i> L.	Native to Iran	1, 3, 5
		63. Plumbaginaceae		
397	1397	<i>Acantholimon araxanum</i> Bunge	Native to Iran	2, 4
	1398	<i>Acantholimon asphodelinum</i> Mobayen	Endemic to Iran	1
	1399	<i>Acantholimon bromifolium</i> Boiss. ex Bunge	Subendemic to Iran	2, 4
	1400	<i>Acantholimon erinaceum</i> (Jaub. & Spach) Lincz.	Native to Iran	4
	1401	<i>Acantholimon fasciculare</i> Boiss.	Native to Iran	2
	1402	<i>Acantholimon festucaceum</i> (Jaub. & Spach) Boiss.	Subendemic to Iran	2, 4, 8
	1403	<i>Acantholimon gilliatii</i> Turrill	Endemic to Iran	2, 4, F.
	1404	<i>Acantholimon hohenackeri</i> (Jaub. & Spach) Boiss.	Native to Iran	2, 4, 8, F.
	1405	<i>Acantholimon pterostegium</i> Bunge	Subendemic to Iran	2, 8
	1406	<i>Acantholimon rhodopolium</i> Rech. f. & Schiman-Czeika	Endemic to Iran	F.
	1407	<i>Acantholimon rudbaricum</i> (Bornm.) Bornm.	Subendemic to Iran	1, 2, 8
	1408	<i>Acantholimon scorpius</i> (Jaub. & Spach) Boiss.	Endemic to Iran	1, 2, 4, F.
	1409	<i>Acantholimon senganense</i> Bunge	Native to Iran	4, F.
	1410	<i>Acantholimon termei</i> Rech.f. & Schiman-Czeika	Endemic to Iran	2
	1411	<i>Acantholimon wendelboi</i> Rech.f. & Schiman-Czeika	Endemic to Iran	1, 2, F.
	1412	<i>Acantholimon yamense</i> Turrill	Endemic to Iran	2, 8
398	1413	<i>Limonium carnosum</i> (Boiss.) Kuntze	Subendemic to Iran	2, F.
	1414	<i>Limonium iranicum</i> (Bornm.) Lincz.	Native to Iran	2
399	1415	<i>Plumbago europaea</i> L.	Native to Iran	2, 3, 8, F.
400	1416	<i>Psylliostachys leptostachyus</i> (Boiss.) Roshkova	Native to Iran	F.
		64. Poaceae		
401	1417	<i>Aegilops biuncialis</i> Vis.	Native to Iran	F.
	1418	<i>Aegilops columnaris</i> Zhuk.	Native to Iran	F.
	1419	<i>Aegilops crassa</i> Boiss. ex Hohen.	Native to Iran	2, 7
	1420	<i>Aegilops cylindrica</i> Host	Native to Iran	2, 4, 6, 18
	1421	<i>Aegilops neglecta</i> Req. ex Bertol.	Native to Iran	1
	1422	<i>Aegilops tauschii</i> Coss.	Native to Iran	1, 4
	1423	<i>Aegilops triuncialis</i> L.	Native to Iran	1, 2, 4, F.
	1424	<i>Aegilops umbellulata</i> Zhuk.	Native to Iran	4
402	1425	<i>Agropyron bulbosum</i> Boiss.	Endemic to Iran	2
	1426	<i>Agropyron cristatum</i> (L.) Gaertn.	Native to Iran	2, 4, 8, 18, F.
	1427	<i>Agropyron desertorum</i> (Fisch. ex Link) Schult.	Native to Iran	4
403	1428	<i>Agrostis stolonifera</i> L.	Native to Iran	4
404	1429	<i>Alopecurus apiatus</i> Ovcz.	Native to Iran	2, 4
	1430	<i>Alopecurus arundinaceus</i> Poir.	Native to Iran	1, 2, 7, 8, 18, F.
	1431	<i>Alopecurus aucheri</i> Boiss.	Native to Iran	4
	1432	<i>Alopecurus myosuroides</i> Huds.	Native to Iran	6, 7, F.
	1433	<i>Alopecurus textilis</i> Boiss.	Native to Iran	2, 4, F.
	1434	<i>Alopecurus vaginatus</i> (Willd.) Pall. ex Kunth	Native to Iran	4

405	1435	<i>Arrhenatherum kotschyi</i> Boiss.	Native to Iran	2, 4, 8, 18, F.
406	1436	<i>Avena barbata</i> Pott ex Link	Native to Iran	1
	1437	<i>Avena fatua</i> L.	Native to Iran	6
	1438	<i>Avena sativa</i> L.	Native to Iran	6
	1439	<i>Avena sterilis</i> subsp. <i>ludoviciana</i> (Durieu) Nyman	Native to Iran	7
407	1440	<i>Bothriochloa ischaemum</i> (L.) Keng	Native to Iran	2, 4, 8
408	1441	<i>Brachypodium distachyon</i> (L.) P.Beauv.	Native to Iran	2, 4, 8
	1442	<i>Brachypodium sylvaticum</i> (Huds.) P.Beauv.	Native to Iran	2
409	1443	<i>Bromus arvensis</i> L.	Native to Iran	2, 8, F.
	1444	<i>Bromus catharticus</i> Vahl	Introduced into Iran	1
	1445	<i>Bromus danthoniae</i> Trin.	Native to Iran	1, 2, 4, 18, F.
	1446	<i>Bromus japonicus</i> Houtt.	Native to Iran	7
	1447	<i>Bromus japonicus</i> subsp. <i>japonicas</i>	Native to Iran	8, 18, F.
	1448	<i>Bromus lanceolatus</i> Roth	Native to Iran	F.
	1449	<i>Bromus moeszii</i> Pénzes	Native to Iran	2, 4
	1450	<i>Bromus pumilio</i> (Trin.) P.M.Sm.	Native to Iran	1, 2, 4, 18
	1451	<i>Bromus sclerophyllus</i> Boiss.	Native to Iran	1, 18, F.
	1452	<i>Bromus sterilis</i> L.	Native to Iran	1
	1453	<i>Bromus tectorum</i> L.	Native to Iran	1, 2, 4, 7, 8, 18
	1454	<i>Bromus tomentellus</i> Boiss.	Native to Iran	1, 2, 4, 8, F.
410	1455	<i>Calamagrostis pseudophragmites</i> (Haller.f) Koeler	Native to Iran	2, 4, F.
411	1456	<i>Campeistachys elongatiformis</i> (Drobow) Sennikov	Native to Iran	2, 4, 8, F.
412	1457	<i>Catabrosa aquatica</i> (L.) P.Beauv.	Native to Iran	18
413	1458	<i>Catabrosella humilis</i> (M.Bieb.) Tzvelev	Native to Iran	4
	1459	<i>Catabrosella parviflora</i> (Boiss. & Buhse) E.B.Alexeev ex R.R.Mill	Native to Iran	4
414	1460	<i>Cenchrus americanus</i> (L.) Morrone	Introduced into Iran	2
415	1461	<i>Chloris virgata</i> Sw.	Introduced into Iran	18
416	1462	<i>Cynodon dactylon</i> (L.) Pers.	Native to Iran	1, 2, 3, 4, 6, 7
417	1463	<i>Dactylis glomerata</i> L.	Native to Iran	1, 2, 4, 6, 8, 18, F.
418	1464	<i>Deschampsia cespitosa</i> (L.) P.Beauv.	Native to Iran	4
419	1465	<i>Echinaria capitata</i> (L.) Desf.	Native to Iran	1
420	1466	<i>Echinochloa crus-galli</i> (L.) P.Beauv.	Native to Iran	1, 2
	1467	<i>Echinochloa oryzoides</i> (Ard.) Fritsch	Introduced into Iran	F.
421	1468	<i>Elymus afghanicus</i> (Melderis) G.Singh	Endemic to Iran	2
	1469	<i>Elymus longearistatus</i> (Boiss.) Tzvelev	Native to Iran	4
	1470	<i>Elymus repens</i> (L.) Gould	Native to Iran	2, 3
422	1471	<i>Enneapogon persicus</i> Boiss.	Native to Iran	2, 8
423	1472	<i>Eragrostis collina</i> Trin.	Native to Iran	2
424	1473	<i>Eremopyrum bonaepartis</i> (Spreng.) Nevski	Native to Iran	1, 2, 4, 7, 18
	1474	<i>Eremopyrum distans</i> (K.Koch) Nevski	Native to Iran	1, 4
425	1475	<i>Festuca hirtiglumis</i> (Boiss. & Hausskn.) Sennikov	Native to Iran	1
	1476	<i>Festuca orientalis</i> (Boiss.) B.Fedtsch.	Native to Iran	1, 4, 6, F.
	1477	<i>Festuca ovina</i> L.	Native to Iran	2, 4
	1478	<i>Festuca sclerophylla</i> Boiss. ex Bisch.	Native to Iran	2, 4, F.
426	1479	<i>Glyceria arundinacea</i> Kunth	Native to Iran	2
	1480	<i>Glyceria notata</i> Chevall.	Native to Iran	18
427	1481	<i>Henrardia persica</i> (Boiss.) C.E.Hubb.	Native to Iran	F.
428	1482	<i>Heteranthelium piliferum</i> (Banks & Sol.) Hochst	Native to Iran	1, 2, 4
429	1483	<i>Hordeum brevisubulatum</i> (Trin.) Link	Native to Iran	1, 2, 4, 18, F.

	1484	<i>Hordeum bulbosum</i> L.	Native to Iran	1, 2, 4, 8, 18
	1485	<i>Hordeum marinum</i> Huds.	Native to Iran	1
	1486	<i>Hordeum murinum</i> L. subsp. <i>glaucum</i> (Steud.) Tzvelev	Native to Iran	1, 2, 6, 7
	1487	<i>Hordeum vulgare</i> L.	Native to Iran	6, F.
430	1488	<i>Koeleria macrantha</i> (Ledeb.) Schult.	Native to Iran	F.
431	1489	<i>Kengyilia pulcherrima</i> (Grossh.) C.Yen, J.L.Yang & B.R.Baum	Native to Iran	2, 8
432	1490	<i>Lolium arundinaceum</i> (Schreb.) Darbysh.	Native to Iran	4, 8
	1491	<i>Lolium perenne</i> L.	Native to Iran	1, 2
	1492	<i>Lolium persicum</i> Boiss. & Hohen.	Native to Iran	4, F.
	1493	<i>Lolium pratense</i> (Huds.) Darbysh.	Native to Iran	4
	1494	<i>Lolium rigidum</i> Gaudin	Native to Iran	2, 6
	1495	<i>Lolium temulentum</i> L.	Native to Iran	1, 6
433	1496	<i>Melica persica</i> Kunth	Native to Iran	2, 4, 8, 18, F.
434	1497	<i>Milium pedicellare</i> (Bornm.) Roshev. ex Melderis	Native to Iran	18
435	1498	<i>Parapholis incurva</i> (L.) C.E.Hubb.	Native to Iran	2, 4
436	1499	<i>Phalaris arundinacea</i> L.	Native to Iran	4, F.
	1500	<i>Phalaris minor</i> Retz	Native to Iran	6, 7, F.
437	1501	<i>Phleum boissieri</i> Bornm.	Native to Iran	2
	1502	<i>Phleum exaratum</i> Griseb.	Native to Iran	2, 8
	1503	<i>Phleum montanum</i> K.Koch	Native to Iran	1
	1504	<i>Phleum pratense</i> L.	Native to Iran	2, 8
438	1505	<i>Phragmites australis</i> (Cav.) Trin. ex Steud.	Native to Iran	1, 2, 3, 4, 7, 18, F.
439	1506	<i>Piptatherum holciforme</i> (M.Bieb.) Roem. & Schult.	Native to Iran	2, 8, 18, F.
	1507	<i>Piptatherum laterale</i> (Regel) Nevski	Native to Iran	4, F.
440	1508	<i>Poa alpina</i> L.	Native to Iran	4
	1509	<i>Poa bulbosa</i> L.	Native to Iran	1, 2, 4, 6, 7, 8, 18, F.
	1510	<i>Poa diaphora</i> var. <i>songarica</i> (Schrenk) Soreng, Cabi & L.J.Gillespie	Native to Iran	2, 18
	1511	<i>Poa longifolia</i> Trin.	Native to Iran	18
	1512	<i>Poa persica</i> Trin.	Native to Iran	4, 18
	1513	<i>Poa pratensis</i> L.	Native to Iran	1, 2, 8
	1514	<i>Poa sinaica</i> Steud.	Native to Iran	18
	1515	<i>Poa sterilis</i> M.Bieb.	Native to Iran	4
	1516	<i>Poa timoleonis</i> Heldr. ex Boiss.	Native to Iran	4
	1517	<i>Poa trivialis</i> L.	Native to Iran	4
441	1518	<i>Polypogon fugax</i> Nees ex Steud.	Native to Iran	F.
	1519	<i>Polypogon monspeliensis</i> (L.) Desf.	Native to Iran	F.
	1520	<i>Polypogon viridis</i> (Gouan) Breistr.	Native to Iran	F.
442	1521	<i>Psathyrostachys fragilis</i> (Boiss.) Nevski	Native to Iran	2, 4, F.
443	1522	<i>Pseudoroegneria cognata</i> (Hack.) Á.Löve	Native to Iran	2
	1523	<i>Pseudoroegneria libanotica</i> (Hack.) D.R.Dewey	Native to Iran	2, 4, 8, F.
	1524	<i>Pseudoroegneria tauri</i> (Boiss. & Balansa) Á.Löve	Native to Iran	2
444	1525	<i>Puccinellia bulbosa</i> (Grossh.) Grossh.	Native to Iran	2, 8
	1526	<i>Puccinellia distans</i> (Jacq.) Parl.	Native to Iran	2
	1527	<i>Puccinellia gigantea</i> (Grossh.) Grossh.	Native to Iran	F.
445	1528	<i>Rhizocephalus orientalis</i> Boiss.	Native to Iran	1
446	1529	<i>Rostraria cristata</i> (L.) Tzvelev	Native to Iran	1, 2, 8, F.
	1530	<i>Rostraria pumila</i> (Lam.) Tzvelev	Native to Iran	1
447	1531	<i>Saccharum griffithii</i> Munro ex Aitch.	Native to Iran	2

448	1532	<i>Schismus arabicus</i> Nees	Native to Iran	6
449	1533	<i>Secale cereale</i> L.	Introduced into Iran	2, 3, 6, 7, F.
	1534	<i>Secale strictum</i> (C.Presl) C.Presl	Native to Iran	8
450	1535	<i>Setaria viridis</i> (L.) P.Beauv.	Native to Iran	1
451	1536	<i>Sorghum halepense</i> (L.) Pers.	Native to Iran	2, 3, 6, 7
452	1537	<i>Sporobolus schoenoides</i> (L.) P.M.Peterson	Native to Iran	F.
453	1538	<i>Stipa arabica</i> Trin. & Rupr.	Native to Iran	1, F.
	1539	<i>Stipa barbata</i> Desf.	Native to Iran	2, 8
	1540	<i>Stipa ehrenbergiana</i> Trin. & Rupr.	Native to Iran	4
	1541	<i>Stipa gaubae</i> Bor	Subendemic to Iran	F.
	1542	<i>Stipa hohenackeriana</i> Trin. & Rupr.	Native to Iran	4, F.
	1543	<i>Stipa holosericea</i> Trin.	Native to Iran	4
	1544	<i>Stipa iranica</i> Freitag	Subendemic to Iran	F.
	1545	<i>Stipa pennata</i> L.	Native to Iran	4
454	1546	<i>Taeniatherum caput-medusae</i> (L.) Nevski	Native to Iran	1, 2, 4, 8, 18
455	1547	<i>Thinopyrum intermedium</i> (Host) Barkworth & D.R.Dewey	Native to Iran	2, 8
456	1548	<i>Thinopyrum intermedium</i> (Host) Barkworth & D.R.Dewey subsp. <i>intermedium</i>	Native to Iran	2, 8, 4, F.
	1549	<i>Thinopyrum podperae</i> (Nábelek) D.R.Dewey	Native to Iran	2
457	1550	<i>Trisetum flavescens</i> (L.) P.Beauv.	Native to Iran	2, 4, 8, F.
	1551	<i>Trisetum rigidum</i> (M.Bieb.) Roem. & Schult.	Native to Iran	2, 8, F.
458	1552	<i>Triticum turgidum</i> L.	Native to Iran	4
459	1553	<i>Ventenata macra</i> (Steven) Balansa ex Boiss.	Native to Iran	2, 4, 8, F.
		65. Polygonaceae		
460	1554	<i>Atraphaxis aucheri</i> Jaub. & Spach	Endemic to Iran	1, F.
	1555	<i>Atraphaxis spinosa</i> L.	Native to Iran	1, 2, 4, 8, F.
	1556	<i>Atraphaxis suaedifolia</i> Jaub. & Spach	Endemic to Iran Subendemic to Zanjan	2, 4, F.
461	1557	<i>Bistorta officinalis</i> Delarbre	Native to Iran	2, 3
462	1558	<i>Fallopia convolvulus</i> (L.) Á.Löve	Native to Iran	7, 18
463	1559	<i>Oxyria digyna</i> (L.) Hill	Native to Iran	F.
464	1560	<i>Persicaria lapathifolia</i> (L.) Delarbre	Native to Iran	1, F.
	1561	<i>Persicaria maculosa</i> Gray	Native to Iran	2, 3
465	1562	<i>Polygala hohenackeriana</i> Fish. & C.A.Mey.	Native to Iran	2, 4
466	1563	<i>Polygonum arenastrum</i> Boreau	Native to Iran	4
	1564	<i>Polygonum aviculare</i> L.	Native to Iran	7
	1565	<i>Polygonum bellardii</i> All.	Native to Iran	2
	1566	<i>Polygonum cognatum</i> Meisn.	Native to Iran	1, 18
	1567	<i>Polygonum cognatum</i> Meisn. subsp. <i>cognatum</i>	Native to Iran	4
	1568	<i>Polygonum corrigioloides</i> Jaub. & Spach	Native to Iran	6
	1569	<i>Polygonum hyrcanicum</i> Rech.f.	Endemic to Iran	1
	1570	<i>Polygonum luzuloides</i> Jaub. & Spach	Native to Iran	2, 4
	1571	<i>Polygonum molliiforme</i> Boiss.	Native to Iran	6
	1572	<i>Polygonum paronychioides</i> C.A.Mey.	Native to Iran	4
	1573	<i>Polygonum patulum</i> M.Bieb.	Native to Iran	2, 4, 6, F.
	1574	<i>Polygonum polycnemoides</i> Jaub. & Spach	Native to Iran	4, F.
	1575	<i>Polygonum setosum</i> Jacq.	Subendemic to Iran	2, 8
467	1576	<i>Pteropyrum aucheri</i> Jaub. & Spach	Native to Iran	1, 2, 8, F.

	1577	<i>Pteropyrum aucheri</i> subsp. <i>olivieri</i> (Jaub. & Spach) Doostm. & Akhani	Native to Iran	18
468	1578	<i>Rheum ribes</i> L.	Native to Iran	1, 2, 3, 4, 8, 18
469	1579	<i>Rumex acetosa</i> L.	Native to Iran	2, 3, 8
	1580	<i>Rumex acetosella</i> L.	Native to Iran	4
	1581	<i>Rumex chalepensis</i> Mill.	Native to Iran	1, 2, 18, F.
	1582	<i>Rumex crispus</i> L.	Native to Iran	2, 3
	1583	<i>Rumex dentatus</i> L.	Native to Iran	2, F.
	1584	<i>Rumex patientia</i> L.	Native to Iran	4, F.
	1585	<i>Rumex ponticus</i> E.H.L.Krause	Native to Iran	2
	1586	<i>Rumex scutatus</i> L.	Native to Iran	1, 2, 3, 4, 18
	1587	<i>Rumex tuberosus</i> L.	Native to Iran	2, 4
		66. Polypodiaceae		
470	1588	<i>Polypodium interjectum</i> Shivas	Native to Iran	1
		67. Portulacaceae		
471	1589	<i>Portulaca oleracea</i> L.	Native to Iran	1, 2, 3
		68. Primulaceae		
472	1590	<i>Androsace maxima</i> L.	Native to Iran	1, 2, 4
473	1591	<i>Lysimachia arvensis</i> (L.) U.Manns & Anderb.	Native to Iran	1, 2, 3, 7, 8
474	1592	<i>Primula auriculata</i> Lam.	Native to Iran	2, 3, 4, F.
475	1593	<i>Samolus valerandi</i> L.	Native to Iran	2, 3
		69. Pteridaceae		
476	1594	<i>Adiantum capillus-veneris</i> L.	Native to Iran	1, 2, 3, F.
		70. Ranunculaceae		
477	1595	<i>Adonis aestivalis</i> L.	Native to Iran	2, 3, 4, 6, 7, 18
	1596	<i>Adonis dentata</i> Delile	Native to Iran	2, 3
	1597	<i>Adonis flammea</i> Jacq.	Native to Iran	1, 2, 3
	1598	<i>Adonis globose</i> C.H.Steinb. ex Rech. f.	Endemic to Iran	F.
	1599	<i>Adonis microcarpa</i> DC.	Native to Iran	2, 3
	1600	<i>Adonis scrobiculata</i> Boiss. subsp. <i>scrobiculata</i>	Native to Iran	2
478	1601	<i>Anemone biflora</i> DC.	Native to Iran	4, F.
479	1602	<i>Ceratocephalus falcatus</i> (L.) Pers.	Native to Iran	1, 2, 7, 18
480	1603	<i>Clematis orientalis</i> L.	Native to Iran	2
	1604	<i>Clematis vitalba</i> L.	Native to Iran	3, 5, F.
481	1605	<i>Delphinium ajacis</i> L.	Native to Iran	2, 4, 7, 18, F.
	1606	<i>Delphinium aquilegiifolium</i> (Boiss.) Bornm.	Endemic to Iran	4, 18
	1607	<i>Delphinium hohenackeri</i> Boiss.	Native to Iran	4, F.
	1608	<i>Delphinium jacobsii</i> Iranshahr	Endemic to Iran	4
	1609	<i>Delphinium persicum</i> Boiss.	Native to Iran	2
	1610	<i>Delphinium teheranicum</i> Boiss.	Endemic to Iran	1
	1611	<i>Delphinium tuberosum</i> Aucher ex Boiss.	Subendemic to Iran	1, 2
482	1612	<i>Nigella damascena</i> L.	Native to Iran	2, 3
	1613	<i>Nigella oxypetala</i> Boiss.	Native to Iran	2, 4
483	1614	<i>Ranunculus arvensis</i> L.	Native to Iran	1, 2, 3, 4, 6, 7, 18, F.
	1615	<i>Ranunculus aucheri</i> Boiss.	Native to Iran	F.
	1616	<i>Ranunculus brutius</i> Ten.	Native to Iran	2
	1617	<i>Ranunculus bulbosus</i> L.	Native to Iran	2, 3
	1618	<i>Ranunculus bulbilliferus</i> Boiss. & Hohen.	Subendemic to Iran	F.
	1619	<i>Ranunculus caucasicus</i> M.Bieb.	Native to Iran	4
	1620	<i>Ranunculus cicutarius</i> Schltdl.	Subendemic to Iran	1

	1621	<i>Ranunculus constantinopolitanus</i> (DC.) d'Urv.	Native to Iran	18
	1622	<i>Ranunculus crymophilus</i> Boiss. & Hohen.	Subendemic to Iran	F.
	1623	<i>Ranunculus dissectus</i> M.Bieb.	Native to Iran	1
	1624	<i>Ranunculus elbrusensis</i> Boiss.	Endemic to Iran	1, 4
	1625	<i>Ranunculus kochii</i> Ledeb.	Native to Iran	1, 2, 4, 18
	1626	<i>Ranunculus kotschyi</i> Boiss.	Endemic to Iran	2, 4, F.
	1627	<i>Ranunculus macrorrhynchus</i> Boiss.	Native to Iran	4
	1628	<i>Ranunculus oxyspermus</i> Willd.	Native to Iran	1, 4, 18
	1629	<i>Ranunculus polyanthemos</i> L.	Native to Iran	6
	1630	<i>Ranunculus sericeus</i> Bank & Sol.	Native to Iran	1, 4
	1631	<i>Ranunculus sewerzowii</i> Regel	Native to Iran	2
	1632	<i>Ranunculus sphaerospermus</i> Boiss. & C.I.Blanche	Native to Iran	2
	1633	<i>Ranunculus strigillosus</i> Boiss. & A.Huet	Native to Iran	F.
	1634	<i>Ranunculus testiculatus</i> Crantz	Native to Iran	4, F.
	1635	<i>Ranunculus zenjanensis</i> Iranshahr & Rech.f.	Endemic to Iran Subendemic to Zanjan	F.
484	1636	<i>Thalictrum isopyroides</i> C.A.Mey.	Native to Iran	1, 4
	1637	<i>Thalictrum minus</i> L.	Native to Iran	4
		71. Resedaceae		
485	1638	<i>Ochradiscus ochradeni</i> (Boiss.) S.Blanco & C.E.Wetzel	Native to Iran	F.
486	1639	<i>Reseda aucheri</i> Boiss. subsp. <i>aucheri</i>	Native to Iran	F.
	1640	<i>Reseda lutea</i> L.	Native to Iran	1, 2, 3, 4, 6, 7, 8, 18, F.
		72. Rhamnaceae		
487	1641	<i>Paliurus spina-christi</i> Mill.	Native to Iran	1, 2, 3, 8
488	1642	<i>Rhamnus cathartica</i> L.	Native to Iran	2, 3, 5
	1643	<i>Rhamnus erythroxylodes</i> Hoffmanns. subsp. <i>erythroxylodes</i>	Native to Iran	2, 4, 8, 18
	1644	<i>Rhamnus erythroxylodes</i> subsp. <i>iranica</i> (Bornm.) Mabb.	Native to Iran	F.
		73. Rosaceae		
489	1645	<i>Alchemilla farinosa</i> S.E.Fröhner	Endemic to Iran	4
	1646	<i>Alchemilla hessii</i> Rothm.	Subendemic to Iran	2
	1647	<i>Alchemilla persica</i> Rothm.	Native to Iran	4
	1648	<i>Alchemilla pseudocartalinica</i> Juz.	Native to Iran	4
490	1649	<i>Aria graeca</i> (Lodd. ex Spach) M.Roem.	Introduced into Iran	2, 8
491	1650	<i>Cotoneaster hissaricus</i> Pojark.	Native to Iran	2
	1651	<i>Cotoneaster luristanicus</i> G.Klotz	Subendemic to Iran	1, 8
	1652	<i>Cotoneaster nummularius</i> Fisch. & C.A.Mey.	Native to Iran	2, 8, 18
	1653	<i>Cotoneaster nummularioides</i> Pojark.	Native to Iran	1, 2, 3, 4, 5, 8, 18
	1654	<i>Cotoneaster ovatus</i> Pojark.	Native to Iran	2, 8
492	1655	<i>Crataegus azarolus</i> L.	Native to Iran	2, 5
	1656	<i>Crataegus germanica</i> (L.) Kuntze	Native to Iran	2, 3, 8
	1657	<i>Crataegus meyeri</i> Pojark.	Native to Iran	1, 2, 4, 8, 18
	1658	<i>Crataegus microphylla</i> K.Koch	Native to Iran	5
	1659	<i>Crataegus pentagyna</i> subsp. <i>pseudomelanocarpa</i> (Popov ex Pojark.) K.I.Chr.	Subendemic to Iran	2
	1660	<i>Crataegus pontica</i> K.Koch	Native to Iran	1, 2, 3, 5, 8
	1661	<i>Crataegus pseudoheterophylla</i> subsp. <i>turcomanica</i> (Pojark.) K.I.Chr.	Subendemic to Iran	2
	1662	<i>Crataegus turkestanica</i> Pojark.	Native to Iran	1, 8

493	1663	<i>Cydonia oblonga</i> Mill.	Native to Iran	5
494	1664	<i>Filipendula ulmaria</i> (L.) Maxim.	Native to Iran	3
495	1665	<i>Geum kokanicum</i> Regel & Schmalh.	Native to Iran	2, 3, 4
	1666	<i>Geum urbanum</i> L.	Native to Iran	1
496	1667	<i>Hedlundia persica</i> (Hedl.) Mezzenskyj	Native to Iran	2, 3
497	1668	<i>Malus orientalis</i> Uglitzk.	Native to Iran	2, 3, 5, 8
498	1669	<i>Potentilla argentea</i> L.	Native to Iran	2
	1670	<i>Potentilla divaricata</i> DC.	Native to Iran	2
	1671	<i>Potentilla iranica</i> (Rech.f.) Schiman-Czeika	Endemic to Iran	18
	1672	<i>Potentilla inclinata</i> Vill.	Native to Iran	4
	1673	<i>Potentilla pannosa</i> Boiss. & Hausskn.	Native to Iran	4
	1674	<i>Potentilla recta</i> L.	Native to Iran	1, 2, 4, 8
	1675	<i>Potentilla reptans</i> L.	Native to Iran	2, 3, 4, 18, F.
	1676	<i>Potentilla supina</i> L.	Native to Iran	F.
499	1677	<i>Prunus amygdalus</i> Batsch	Introduced into Iran	2, 3, 8
	1678	<i>Prunus argentea</i> (Lam.) Rehder	Native to Iran	1, 2, 4
	1679	<i>Prunus avium</i> (L.) L.	Native to Iran	5
	1680	<i>Prunus carduchorum</i> (Bornm.) Meikle	Native to Iran	2
	1681	<i>Prunus cerasifera</i> Ehrh.	Native to Iran	F.
	1682	<i>Prunus cerasus</i> L.	Introduced into Iran	5
	1683	<i>Prunus domestica</i> L.	Native to Iran	2, 3, 5
	1684	<i>Prunus haussknechtii</i> C.K.Schneid.	Subendemic to Iran	2, 18
	1685	<i>Prunus incana</i> (Pall.) Batsch	Native to Iran	5
	1686	<i>Prunus lycioides</i> (Spach) C.K.Schneid.	Subendemic to Iran	1, 2, 3, 4, 5, 8, 18, F.
	1687	<i>Prunus mahaleb</i> L.	Native to Iran	1, 2, 3, 5
	1688	<i>Prunus microcarpa</i> C.A.Mey.	Native to Iran	1, 2, 8, 18
	1689	<i>Prunus persica</i> (L.) Batsch	Introduced into Iran	5
	1690	<i>Prunus spinosa</i> L.	Native to Iran	5
500	1691	<i>Pyrus boissieriana</i> Buhse	Native to Iran	5
	1692	<i>Pyrus elaeagrifolia</i> Pall. subsp. <i>elaeagrifolia</i>	Native to Iran	2, 8
	1693	<i>Pyrus syriaca</i> Boiss.	Native to Iran	2, 3
501	1694	<i>Rosa beggeriana</i> Schrenk ex Fisch. & C.A.Mey.	Native to Iran	1, 8
	1695	<i>Rosa boissieri</i> Crép.	Native to Iran	1
	1696	<i>Rosa canina</i> L.	Native to Iran	1, 3, 4, 5, 8, 18, F.
	1697	<i>Rosa elymaitica</i> Boiss. & Hausskn.	Native to Iran	4
	1698	<i>Rosa foetida</i> Herrm.	Native to Iran	2, 4, 18
	1699	<i>Rosa iberica</i> Steven ex M.Bieb.	Native to Iran	2, 4, F.
	1700	<i>Rosa orientalis</i> A.Dupont ex Ser.	Native to Iran	2, 4
	1701	<i>Rosa persica</i> Michaut ex Juss.	Native to Iran	1, 2, 4, 6, 7, 18, F.
	1702	<i>Rosa pulverulenta</i> M.Bieb.	Native to Iran	2
502	1703	<i>Rubus creticus</i> Tourn. ex L.	Introduced into Iran	1, 2
	1704	<i>Rubus hyrcanus</i> Juz.	Subendemic to Iran	2
503	1705	<i>Sanguisorba minor</i> Scop.	Native to Iran	1, 2, 3, 6, 8, 18
	1706	<i>Sanguisorba minor</i> Scop. subsp. <i>balearica</i> (Bourg. ex Nyman) Muñoz Garm. & C.Navarro	Native to Iran	4
	1707	<i>Sanguisorba minor</i> Scop. subsp. <i>lasiocarpa</i> (Boiss. & Hausskn.) Nordborg	Native to Iran	4
	1708	<i>Sanguisorba minor</i> Scop. subsp. <i>minor</i>	Native to Iran	4, F.
504	1709	<i>Sibbaldianthe bifurca</i> (L.) Kurtto & T.Erikss.	Native to Iran	1, 2
505	1710	<i>Spiraea crenata</i> L.	Native to Iran	5

		74. Rubiaceae		
506	1711	<i>Asperula arvensis</i> L.	Native to Iran	1
	1712	<i>Asperula glomerata</i> (M.Bieb.) Griseb.	Native to Iran	2, 4, 18, F.
	1713	<i>Asperula molluginoides</i> (M.Bieb.) Rchb.	Native to Iran	4
	1714	<i>Asperula orientalis</i> Boiss. & Hohen.	Native to Iran	2
	1715	<i>Asperula setosa</i> Jaub. & Spach	Native to Iran	1, 2, 4, F.
507	1716	<i>Callipeltis cucullaris</i> (L.) DC.	Native to Iran	1, 4, 18
508	1717	<i>Crucianella ciliata</i> Lam.	Native to Iran	F.
	1718	<i>Crucianella chlorostachys</i> Fisch. & C.A.Mey.	Native to Iran	4
	1719	<i>Crucianella gilanic</i> Trin.	Endemic to Iran	2, 4, 8, 18, F.
	1720	<i>Crucianella gilanic</i> subsp. <i>glauca</i> (A.Rich. ex DC.) Ehrend.	Endemic to Iran	2
509	1721	<i>Cruciata laevipes</i> Opiz	Native to Iran	1, 4
	1722	<i>Cruciata taurica</i> (Pall. ex Willd.) Ehrend.	Native to Iran	1, 2, 8, 18
510	1723	<i>Galium aparine</i> L.	Native to Iran	1, 2, 3, 4, 6, 8
	1724	<i>Galium consanguineum</i> Boiss.	Native to Iran	2, 8
	1725	<i>Galium diplopri</i> Boiss. & Hohen.	Endemic to Iran	1
	1726	<i>Galium humifusum</i> M.Bieb.	Native to Iran	4, 6
	1727	<i>Galium nigricans</i> Boiss.	Native to Iran	4
	1728	<i>Galium psilocladum</i> Ehrend.	Native to Iran	4
	1729	<i>Galium setaceum</i> Lam.	Native to Iran	18
	1730	<i>Galium spurium</i> L.	Native to Iran	F.
	1731	<i>Galium tricornutum</i> Dandy	Native to Iran	3, 4, 6, 7, F.
	1732	<i>Galium verum</i> L.	Native to Iran	1, 3, 4, 6, 8, 18, F.
511	1733	<i>Plocama bruguieri</i> (A.Rich. ex DC.) M.Backlund & Thulin	Native to Iran	2, F.
	1734	<i>Plocama szowitzii</i> (DC.) M.Backlund & Thulin	Subendemic to Iran	4
512	1735	<i>Rubia rigidifolia</i> Pojark.	Subendemic to Iran	F.
		75. Rutaceae		
513	1736	<i>Haplophyllum acutifolium</i> (DC.) G.Don	Native to Iran	1, 2, 4, 8, 18, F.
	1737	<i>Haplophyllum laeviusculum</i> C.C.Towns.	Endemic to Iran Subendemic to Zanzan	4, F.
		76. Salicaceae		
514	1738	<i>Populus euphratica</i> Olivier	Native to Iran	1, 2, 3, 5
515	1739	<i>Salix acmophylla</i> Boiss.	Native to Iran	1, 2, 5, F.
	1740	<i>Salix aegyptiaca</i> L.	Native to Iran	2, 3, 5, F.
	1741	<i>Salix alba</i> L.	Native to Iran	4, 5, F.
	1742	<i>Salix excelsa</i> S.G.Gmel.	Native to Iran	5, 18, F.
	1743	<i>Salix triandra</i> L.	Native to Iran	F.
		77. Santalaceae		
516	1744	<i>Thesium kotschyanum</i> Boiss.	Native to Iran	4, 18, F.
	1745	<i>Thesium linophyllum</i> L.	Native to Iran	2, 8
	1746	<i>Thesium procumbens</i> C.A.Mey.	Native to Iran	1
517	1747	<i>Viscum album</i> L.	Native to Iran	3, 8
		78. Sapindaceae		
518	1748	<i>Acer cappadocicum</i> Gled.	Native to Iran	1
	1749	<i>Acer monspessulanum</i> L.	Native to Iran	1, 2, 8
		79. Scrophulariaceae		
519	1750	<i>Digitalis nervosa</i> Steud. & Hochst. ex Benth.	Native to Iran	3
520	1751	<i>Pedicularis sibthorpii</i> Boiss.	Native to Iran	4, 18
521	1752	<i>Scrophularia amplexicaulis</i> Benth.	Native to Iran	4

	1753	<i>Scrophularia azerbaijanica</i> Grau	Native to Iran	1
	1754	<i>Scrophularia catariifolia</i> Boiss. & Heldr.	Native to Iran	1
	1755	<i>Scrophularia hypericifolia</i> Wydler	Native to Iran	4, F.
	1756	<i>Scrophularia nervosa</i> Benth. subsp. <i>nervosa</i>	Subendemic to Iran	2, 4, F.
	1757	<i>Scrophularia pruinosa</i> Boiss.	Native to Iran	F.
	1758	<i>Scrophularia rechingeri</i> Grau	Endemic to Iran	1, F.
	1759	<i>Scrophularia striata</i> Boiss.	Native to Iran	1, 4, 18
	1760	<i>Scrophularia variegata</i> M.Bieb.	Native to Iran	2, 3, 4, F.
522	1761	<i>Verbascum agrimoniifolium</i> (K.Koch) Hub.-Mor.	Native to Iran	18
	1762	<i>Verbascum agrimoniifolium</i> (K.Koch) Hub.-Mor.subsp. <i>agrimoniifolium</i>	Native to Iran	4
	1763	<i>Verbascum cheiranthifolium</i> Boiss.	Native to Iran	1, 2, 4, 8, 18, F.
	1764	<i>Verbascum nudicaule</i> (Wydler) Takht.	Native to Iran	F.
	1765	<i>Verbascum orientale</i> (L.) All.	Native to Iran	1, F.
	1766	<i>Verbascum phoeniceum</i> L.	Native to Iran	2
	1767	<i>Verbascum songaricum</i> Schrenk ex Fisch. & C.A.Mey.	Native to Iran	1
	1768	<i>Verbascum speciosum</i> Schrad.	Native to Iran	2, F.
	1769	<i>Verbascum Thapsus</i> L.	Native to Iran	2, 3
		80. Simaroubaceae		
523	1770	<i>Ailanthus altissima</i> (Mill.) Swingle	Introduced into Iran	4, F.
		81. Smilacaceae		
524	1771	<i>Smilax excelsa</i> L.	Native to Iran	2, 3
		82. Solanaceae		
525	1772	<i>Alkekengi officinarum</i> Moench	Native to Iran	2, 3
526	1773	<i>Datura stramonium</i> L.	Introduced into Iran	3
527	1774	<i>Hyoscyamus arachnoideus</i> Pojark.	Subendemic to Iran	4, F.
	1775	<i>Hyoscyamus kurdicus</i> Bornm.	Subendemic to Iran	F.
	1776	<i>Hyoscyamus leucanthera</i> Bornm. & Gauba	Native to Iran	2
	1777	<i>Hyoscyamus niger</i> L.	Native to Iran	1, 4
	1778	<i>Hyoscyamus pusillus</i> L.	Native to Iran	1
	1779	<i>Hyoscyamus reticulatus</i> L.	Native to Iran	1, 2, 3, 18
528	1780	<i>Lycium depressum</i> Stocks	Native to Iran	1, 4, F.
	1781	<i>Lycium ruthenicum</i> Murray	Native to Iran	1, 2, 4, F.
529	1782	<i>Solanum dulcamara</i> L.	Native to Iran	2, 3
	1783	<i>Solanum nigrum</i> L.	Native to Iran	1, 2, 3
		83. Tamaricaceae		
530	1784	<i>Myricaria germanica</i> (L.) Desv.	Native to Iran	F.
531	1785	<i>Reaumuria alternifolia</i> (Labill.) Britten	Native to Iran	2, 4, F.
532	1786	<i>Tamarix florida</i> Bunge	Native to Iran	2, 8
	1787	<i>Tamarix kotschy</i> Bunge	Native to Iran	2, 4
	1788	<i>Tamarix leptopetala</i> Bunge	Native to Iran	2
	1789	<i>Tamarix ramosissima</i> Ledeb.	Native to Iran	1, 2, 4, 18, F.
	1790	<i>Tamarix szovitsiana</i> Bunge	Native to Iran	4
		84. Thymelaeaceae		
533	1791	<i>Daphne mucronata</i> Royle	Native to Iran	2, 3, 18
534	1792	<i>Diarthron lessertii</i> (Wikstr.) Kit Tan	Native to Iran	1, 2, 4, 8, F.
	1793	<i>Diarthron vesiculosum</i> (Fisch. & C.A.Mey. ex Kar. & Kir.) C.A.Mey.	Native to Iran	2, 8, F.
535	1794	<i>Thymelaea mesopotamica</i> (C.Jeffrey) B.Peterson	Native to Iran	2
	1795	<i>Thymelaea passerina</i> (L.) Coss. & Germ.	Native to Iran	18

		85. Typhaceae		
536	1796	<i>Typha latifolia</i> L.	Native to Iran	2
		86. Ulmaceae		
537	1797	<i>Celtis glabrata</i> Steven ex Planch.	Native to Iran	2, 8, F.
	1798	<i>Celtis tournefortii</i> Lam.	Native to Iran	2
538	1799	<i>Ulmus glabra</i> Huds.	Native to Iran	5
	1800	<i>Ulmus minor</i> Mill.	Native to Iran	5
	1801	<i>Ulmus minor</i> subsp. <i>minor</i>	Native to Iran	5
		87. Urticaceae		
539	1802	<i>Parietaria judaica</i> L.	Native to Iran	2, 4, 18
540	1803	<i>Urtica dioica</i> L.	Native to Iran	1, 2, 3, 4, F.
		88. Verbenaceae		
541	1804	<i>Verbena officinalis</i> L.	Native to Iran	2, 3, 8
		89. Viburnaceae		
542	1805	<i>Sambucus ebulus</i> L.	Native to Iran	2, 3
	1806	<i>Sambucus nigra</i> L.	Native to Iran	5
		90. Violaceae		
543	1807	<i>Viola arvensis</i> Murray	Native to Iran	1
	1808	<i>Viola kitaibeliana</i> Schult.	Native to Iran	4
	1809	<i>Viola modesta</i> Fenzl	Native to Iran	1, 4
	1810	<i>Viola occulta</i> Lehm.	Native to Iran	1, 4, 18
		91. Vitaceae		
544	1811	<i>Vitis vinifera</i> L.	Native to Iran	1, 2, 3, F.
		92. Zygophyllaceae		
545	1812	<i>Nitraria schoberi</i> L.	Native to Iran	2
546	1813	<i>Peganum harmala</i> L.	Native to Iran	1, 2, 3, 4, 18, F.
547	1814	<i>Tribulus terrestris</i> L.	Native to Iran	1, 2, 3, F.
548	1815	<i>Zygophyllum atriplicoides</i> Fisch. & C.A.Mey.	Native to Iran	2, F.
	1816	<i>Zygophyllum atriplicoides</i> subsp. <i>eurypterum</i> (Boiss. & Buhse) Popov	Native to Iran	1
	1817	<i>Zygophyllum fabago</i> L.	Native to Iran	1, 2, 3, 4, 18

CONCLUSION

Asteraceae (ca 1,623 genera, ca 24,700 species in the world) is the first largest family in terms of genera and second family in terms of species in the world and in Iran (Funk *et al.* 2009, Maarten *et al.* 2016, Ghaffari 1999). In Zanjan Province, based on the studies, the ranking of Asteraceae with 71 genera and 233 species (13% of all species and 13% of all genera) is similar to the flora of Iran. Fabaceae, consisting of many diverse genera and species with a variety of characteristics, is the third largest family of flowering plants in the world (Sato *et al.* 2010). Due to *Astragalus* being included in the Fabaceae, this family has attained first place in terms of species number in Iran (Ghahremaninejad & Joharchi 2020) and without counting the genus *Astragalus*, the Fabaceae is the second largest family of angiosperm in Iran (Yousefi 2006). According to the present study, the Fabaceae family in Zanjan Province with 270 species (15% of all) and 24 genera (4.5% of all), is the first and seventh family in terms of the number of species and genera, respectively. The members except *Astragalus*, included 97 species, whereas according to the study of the distribution of Fabaceae species (except *Astragalus*) in Iran, by Mousavi & Khosravi in 2010, these members included 51 species therefore apart from *Astragalus*, 46 species have been added to the members of the Fabaceae family in this province in subsequent studies. In the flora of Iran, the number of genera in Fabaceae is 106 (Ghahremaninejad & Falatoury 2016), and Fabaceae is the fourth largest family in terms of the number of genera. However, considering that only 24 genera have been introduced in the present study (that is about 23% of all genera of this family in Iran), the Fabaceae family has fallen to the seventh place of the largest family in Zanjan Province. This is for two reasons; firstly, less distribution of the members of this family (except

Astragalus) in Zanjan and secondly, insufficient sampling of other members of this family in Zanjan Province. Therefore, it is necessary to conduct more comprehensive studies on the members of Fabaceae family in this province. Poaceae is the fifth large plant family and the second large monocotyledons in the world (Bhatt & Thaker 2021). In Iran, Poaceae is the largest monocotyledons, the second family in terms of the number of genera and, the third family in the number of species (Bidarlord & Ghahremaninejad 2022). Poaceae family in the flora of Zanjan Province with 136 species (7.5% of all) and, 59 genera (11% of all) have a similar ranking. Brassicaceae (118 species, 6.5% of all; 49 genera, 9% of all), Lamiaceae (103 species, 6% of all; 20 genera, 4% of all), Caryophyllaceae (92 species, 5% of all; 22 genera, 4% of all), Apiaceae (76 species, 4% of all; 40 genera, 7% of all), Rosaceae (66 species, 4% of all; 17 genera, 3% of all) and Boraginaceae (65 species, 4% of all; 25 genera, 5% of all) are the next largest families in terms of the number of species and along with three families Asteraceae, Fabaceae and Poaceae, comprise approximately 65% of species (1160 number) and 60% of genera (328 number) of the vascular flora of Zanjan Province. A total of 22 families such as Araceae, Betulaceae, Celasteraceae, Datisceae, Ebenaceae, Frankeniaceae, Oxalidaceae, etc. are present in the flora of Zanjan Province with only one species and one genus and in total, they include only 1.2% of the inventory of species. *Astragalus* is the largest genus with the total number of 3494 taxa in the world and, 836 taxa in Iran (Maassoumi 2023). *Astragalus* (with 173 species) is also the largest genus in the flora of Zanjan Province. *Hymenostegis* is one of the larger sections of *Astragalus* that characteristically have spines. Iran, especially the northwest of the country, is the main center of diversity of this section (Bagheri *et al.* 2011a). Zanjan Province with 33 species of this section, that 19 of them are endemic to province, might be considered the main center of diversity for this section (Bagheri *et al.* 2017). The results of this study show that, 89 species of endemic and subendemic *Astragalus* in Iran are distributed in Zanjan Province; Given that the number of Iranian endemic *Astragalus* is 583 species so, more than 15% of Iran's endemic *Astragalus* are present in Zanjan Province. Out of the total of 173 *Astragalus* species in Zanjan Province, 38 species are endemic to this province. Therefore, 22% (more than one fifth) of the total inventory of the *Astragalus* in Zanjan are endemic to the province itself. *Silene* (30 species), *Allium* (26 species) and *Salvia* (20 species) are the next largest genera in the Zanjan Province flora, based on the studies. *Silene*, the most diverse taxon of the Caryophyllaceae family, is the fourth-largest genus of the flora of Iran (Bahadori 2021). In the flora of Zanjan Province, *Silene* with 30 species (10 of which are endemic to Iran) is the second largest genera. A taxonomic study indicated ca 120 species for this genus in Iran. Habitats in Iran with species of *Silene* range from an alpine zone (Lalezar Mt, Central Iran) to sea level (Bandar Anzali, NW Iran), where they grow on rocky mountain steppes, on grasslands, and sometimes in woodlands (Jafari *et al.* 2023). Therefore, Zanjan Province, like many regions in Iran, can be a suitable place for the distribution of *Silene*. *Allium* is one of the largest genera of monocots and the main center of its evolution extends along the Irano-Turanian biogeographical region. Floristic and taxonomic investigations detected 121 species and subspecies of *Allium* occurring in Iran (Miri & Roughani 2019), which about 21% of these species has been reported in recent studies in the flora of Zanjan Province. Considering the area of this province, it indicates the significant distribution of the *Allium* genus in this region. *Salvia* is the largest genus of Lamiaceae family containing over 900 species in the world. Iran is a center of origin for the genus, with about 60 species, among which 17 are endemic (Askari 2021). In Zanjan Province, amount of *Salvia* diversity is 20 species (about a third of Iranian *Salvia*), four of them are endemic to Iran. Several of the taxa that have been introduced as new species to Zanjan Province in the last years' taxonomic studies, have also been reported in some of the floristic studies conducted in the same region or other parts of the province. *Astragalus alavaanus* holotype was introduced in 2004 of Qeydar Mountains at an altitude 2200-2600 m. It was reported later in the same area in 2011 and also in the Damirli Mountains at a height of 1908 m. *A. montis-qeydari* which was introduced from Qeydar Mountains, was collected again from the same area in other study. *A. andabaddensis* and *A. subrecognitus* whose holotypes are respectively from Mahneshan and Andabad at an altitude of 1770 meters, and the road from Mahneshan to Parri at 2110 m, were reported again from the same area and from Damirli at almost the same altitude range, in subsequent studies. *A. demonstratus* that reported in 1994 as the new species from the Mahneshan Mountains at an altitude of 2000 meters was collected from the same area in a subsequent study. *A. khadem-kandicus*, *A. belgheisicoides*, *A. zanjanensis* and, *A. abharensis*, after being introduced as new species; they have been reported from several regions in subsequent studies.

The following species have not been reported in any of the studies of the province after being introduced as new species: *Hedysarum singarense*, *Alcea arbelensis* var. *crassicaulis*, *Allochrysa lutea*, *Astragalus dilutuloides*, *Serratula calcarea*, *Amberboa zanjanica*, *Astragalus fausicola*, and nine new species introduced in Bagheri

(2017). Given that most of the endemic species to Zanzan Province were not observed in subsequent studies in this province, it is very necessary to conduct studies focused on the species. It is suggested to check the initial sampling location, population, rarity and threat status in the region more carefully and also investigate other areas for their distribution. It is better to introduce these species to people and adopt proper management to preserve them. Investigating the population status of local rare species, suggested in future studies. Especially the species that have been observed in only one study, the accuracy of their distribution in the province should be checked and if confirmed, they should be protected as rare species in the province. If necessary, they should be stored by collecting seeds or extracting genes so that they can be propagated when needed. It is also suggested to establishment of a coherent herbarium of the entire flora of Zanzan.

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