
(/) .Poaceae Rosaceae Liliaceae Asteraceae :

Arum Amygdalus elaeagnifolia Alcea koelzii

Pyrus glabra Dionysia gaubae Centaurea phlomoides giganteum

Quercus brantii var. persica

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(E-mail:asri@rifr-ac.org)

-Biological spectrum
°-Endemic
∩-Chorotype

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(Parsa)

() Zohary ()

Wendelbo ()

Frey () ()Hedge

() Takhtajan () Probst

¹ - Bobek

² - Olivier

³ - Aucher-Eloy

⁴ - Haussknecht

⁵ - Bornmuller

⁶ - Nabelek

⁷ - Cowan

⁸ - Darlington

⁹ - Trott

¹⁰ - Maleki

¹¹ - Rechinger

¹² - Koie

¹³ - Gentry

Q. suber, *Quercus ilex*

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(Rechinger) Townsend) (Davis) (Guest)) () (

() Raunkiaer

Archive of SID

() Takhtajan () Zohary () Nasir)
Feindbrum Dothan Zohary)
() Maassoumi (

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varians, *Dionysia gaubae*, *Echinops ecbatanus*, *Eremostachys pulvinaris*, *Helichrysum oligocephalum*, *Pyrus glabra*, *Quercus brantii* var. *persica*, *Stachys pilifera*.

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Liliaceae () Asteraceae :
) Rosaceae Lamiaceae ()
 .() Poaceae (

Amygdalus *Achillea* *Acantholimon*
Centaurea *Astragalus* *Allium*, *Anthemis*
Ferulago *Ferula* *Eremurus* *Echinops*
Pistacia *Phlomis* ● *Helichrysum*
Verbascum *Tulipa* *Silene* *Scrophularia*

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(Leonard)

Acantholimon aspadanum, *Alcea koelzii*, *Amygdalus elaeagnifoila*, *Arenaria persica*, *Arum giganteum*, *Astragalus hymenostegis*, *Astragalus microphysa*, *Astragalus nervistipulus*, *Centaurea phlomoides*, *Colchicum*

⋄ - Withe
 ⋆ -Regional Center of Endemism

⋄ - Mediterranean region
 ⋆ - Euro-Siberian region

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=G.b =Ch :
=Th =Ph =He =G.t =G.r =G.p
 =SS =M =IT - =ES =Cosm :

Archive of SID

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=He =Ge =Ch :
=Th =Ph

=IT - =ES =Cosm :
=SS =M

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() Parsa ()
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Archive of SID

- ٧- Sudanian region
- ٧- Saharo-Arabian region
- ٨- Western Irano-Turanian subregion
- ٩- Eastern Irano-Turanian subregion
- ١٠ - Irano-Anatolian province
- ١١ - Zagrosian forest district
- ١٢- Armeno-Kurdistanian Sector
- ١٣- Zagros-Faristan sector
- ١٤- Armeno – Iranian sector
- ١٥- Kurdo-Zagrosian sector
- ١٦ - Central Iranian sector
- ١٧- Turanian enclaves
- ١٨- Khalidjo-Ommanian region
- ١٩ - Hyrcanian region
- ٢٠- Arasbaranian region

() Zohary

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- ١ - Steppe-Forest
 - ٢- Origin
 - ٣- Paleobotany
 - ٤- Bi-or Pluriregional
 - ٥- Territory

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() Takhtajan

Holarctic

Irano-Turanian

Tethyan

Western Asiatic

Kurdo-

Armeno-Iranian

Zagrosian

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Bobek H.1951:)

(Die Naturlichen Walder und Geholzfluren Iran

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Introducing the Flora of Central Part of the Sefid-Kouh Protected Area

Y. Asri¹ M. Mehrnia²

Abstract

The Sefid-Kouh protected area is situated 67 km to the northwest of Khorram-Abad . It covers an area of 69500 hectares. Much of the area contain a mountain system between 1500-2854 m altitudes. The aim of this research was to identify the plant species, introducing the flora, determination of life forms, and geographical distribution in central part of the Sefid-Kouh protected area. For this purpose, plant samples were collected from different parts of the area during two growing seasons between 1997-1998. The biological spectrum of the area was plotted by means of life forms results. The position of the protected area within Iran's phytogeography classification was studied based on geographical distribution data and references. From a total of 148 species and subspecific taxa, 1 fern, 115 dicotyledones and 32 monocotyledones were identified. Among the 47 families represented in the area, the followings had the highest number of species: Asteraceae, Liliaceae, Lamiaceae, Rosaceae and Poaceae. 98 species (66.2%) were endemics of Irano-Turanian region, 17 species of them were endemics of Iran. Distribution of the following species is mainly limited to Zagros area: *Alcea koelzii*, *Amygdalus elaeagnifolia*, *Arum giganteum*, *Centaurea phlomoides*, *Dionysia gaubae*, *Pyrus glabra*, *Quercus brantii* var. *persica*. Hemicryptophytes, geophytes and therophytes with 52 species (35.1%), 37 species (25%) and 33 species (22.3%) were respectively the most frequent life forms of the protected area.

Keywords: Flora, Life form, Chorotype, Plant geography, Sefied-Kouh protected area, Zagros mountains, Lorestan, Iran.

¹ -Scientific member, Research Institute of Forests & Rangelands

² - Research Center of Natural Resources and Animal Affairs of Lorestan Province