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Jalil Noroozi was born in 1979 in north-western Iran, received his academic education at the University of Tabriz (BSc), University of Tehran (MSc), and University of Vienna (PhD). He has been researching on the plant diversity, vegetation, and biogeography of alpine habitats of South-West Asia since 2003. Currently, he is a lecturer and researcher at the University of Vienna.



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Authors: **Jalil Noroozi, Amir Talebi**

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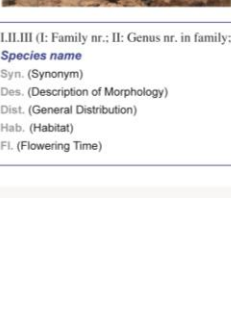
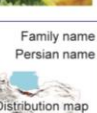
The Irano-Anatolian region is a global biodiversity hotspot harbouring an enormous number of plant species and a high proportion of endemics. Alborz is one of the richest mountain ranges of this region with more than 3,600 vascular plant species. Close to 20 years research experience on the flora and vegetation types of this mountain range and adjacent regions gave the authors the opportunity to photograph the plant species of the area and to illustrate them.

In this book, a total of 1,584 vascular plant species of Alborz mountain range in 647 genera and 117 families are presented. Of those, 22 species are pteridophytes (in 16 genera and 12 families), eight species are gymnosperms, 242 species are monocotyledons, and 1,312 species are dicotyledons. The order of the families are evolutionary and based on the latest APG classification, but the genera and species are alphabetically arranged.


The morphology of each species is briefly described. Moreover, general distribution, habitat types, flowering time and a map showing the distribution range inside of Iran for each species are presented. All photos have been taken in the wild and at natural habitats.

In the Introduction of the book, geography, flora and biogeography and different vegetation types of this mountain range are briefly presented.

Description of species
Structure of descriptions, photos and maps of three species in each page

 <p>A</p>	<p>26.1.2 <i>Fritillaria croxallifolia</i> Boiss. & A.Huet Liliaceae آله دانه خراسانی</p> <p>Des.: Bulbous; 2-10 cm; leaves 2-10 × 0.8-0.8 cm; tepals yellow to greenish, veined and variegated with brown; 13-28 mm. Dist.: Turkey; Iraq; Iran; India. Montane to alpine grasslands and snowbeds (1500-3100 m). Fl.: April-May</p>	 <p>A</p>
 <p>B</p>	<p>26.1.3 <i>Fritillaria gibbosa</i> Boiss. Liliaceae آله دانه خراسانی</p> <p>Des.: Bulbous; up to 30 cm; leaves 30-70 × 13-19 mm; tepals purple-pink; <15 mm. Dist.: Transcaucasus, Iran to Pakistan. Hab.: Montane grasslands (1500-2500 m). Fl.: March-April</p>	 <p>B</p>
 <p>C</p>	<p>26.1.4 <i>Fritillaria kotschyana</i> Herb. Liliaceae آله دانه خراسانی</p> <p>Des.: Bulbous; 5-20 cm; leaves 7-10 cm; flowers 1-2; tepals brownish-green; 28-40 mm. Dist.: Saudi Arab; Iran; Pakistan. Hab.: alpine, subalpine meadows (1000-3000 m). Fl.: March-April</p>	 <p>C</p>

L.I.I.III (I: Family nr.; II: Genus nr. in family; III: Species nr. in genus) Family name Persian name
Syn. (Synonym)
Des. (Description of Morphology)
Dist. (General Distribution)
Hab. (Habitat)
Fl. (Flowering Time)



26.4.5
Tulipa humilis Herb.
Liliaceae
آله دانه خراسانی

Des.: Bulbous; up to 25 cm; leaves 2-5; 0.5-1.0 mm wide; tepals or lilac-pink to pink-purple, with yellow or blue-purple blotch; 2.3-4.7 cm. Dist.: Turkey, Azerbaijan, Iran. Hab.: Grasslands, snowbeds and wetlands (1500-3600 m). Fl.: May-June

26.4.6
Tulipa micheliana Hoog.
Liliaceae
آله خط خراسانی

Des.: Bulbous; 15-40 cm; leaves 4-5; 2-6 cm wide, undulate, with violet streaks; tepals red, with black spot; 2.5-10 cm. Dist.: Iran, Turkmenistan. Hab.: Lowland to montane grasslands (350-2000 m). Fl.: May-June

26.4.7
Tulipa montana Lindl. var. *chrysantha* (Boiss.) Wendelbo.
Liliaceae

Des.: Bulbous; 10-20 cm; leaves 4-5; undulate or linear; tepals yellow; 2.5-4 cm. Dist.: Iraq, Iran. Hab.: Montane and subalpine grasslands, woodlands (1000-3000 m). Fl.: April-June

