

## Notes about *Astragalus* (Leguminosae) in Iran

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**Key Words:** *Astragalus*, *A. assadabadensis*, *A. neo-assadabadensis*; Flora of Iran.

### The correct author for *Astragalus neo-assadabadensis*

*A. assadabadensis* F. GHAREM. & PODLECH has been published in 2005 (GHAREMANINEJAD & PODLECH 2005). One month later, using the same epithet, *Astragalus assadabadensis* MAASSOUMI was published. Thus according to the International Code of Botanical Nomenclature (MCNEILL & al. 2012), *Astragalus assadabadensis* MAASSOUMI was invalid and needed to be renamed.

As replacement for this taxon *Astragalus neo-assadabadensis* F. GHAREM. & MAASSOUMI was published (GHAREMANINEJAD & MAASSOUMI 2010). Three years later the need for a new name for *A. assadabadensis* was also realized by Podlech. Accidentally he chose the same epithet thus creating *A. neo-assadabadensis* PODLECH as nomen superfluum (PODLECH & ZARRE 2013).

***Astragalus neo-assadabadensis*** F. GHAREM. & MAASSOUMI, Ann. Naturhist. Mus. Wien, B 111: 280 (2010).

≡ *Astragalus assadabadensis* MAASSOUMI, Gen. *Astragalus* Iran 5: 401 (2005). – non *A. assadabadensis* F. GHAREM. & PODLECH (2005).

≡ *Astragalus neo-assadabadensis* PODLECH (2013) – nomen superfluum.

Holotype: Hamadan, Assadabad, 2000 m, s. coll. D53 [TARI!].

### Species number of *Astragalus* in Iran

Nobody knows the exact number of species of *Astragalus* in the territory of Iran. We can suppose that several species are not yet detected due to the abundance of the diverse habitats and the difficulties of: botanical exploration, complication of reaching areas, excessive expenses of plant collecting, relatively small number of Iranian taxonomic field-researchers, etc.

Based on the recent published treatment of the genus *Astragalus* (PODLECH & ZARRE 2013) and additional published papers (BAGHERI & al. 2011, 2013, 2014, GHAREMANINEJAD & al. 2012; MAASSOUMI & al. 2011, 2013; MAHMOODI & al. 2013; RANJBAR & al. 2011a, b, 2012a, b, 2013) the number of published and valid species of *Astragalus* in Iran is 826 to date.

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According to ASSADI (1998), AKHANI (2006), ZARRE & al. (2008), KHOSHRAVESH & al. (2009), PODLECH & al. (2010, 2012), and RAHMANI & al. (2014) the total number of species in the flora of Iran can be estimated with 7900.

Based on these numbers the genus *Astragalus* includes 10.5 % of the flora of Iran, which is slightly less than the number earlier estimated by GHAREMANINEJAD (2011).

Today in Virtual Herbaria (RAINER & al. 2014) 792 types of *Astragalus* from Iran can be found, of these 499 are located in the Herbarium of the Natural History Museum in Vienna [W].

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Artikel/Article: [Notes about Astragalus \(Leguminosae\) in Iran 279-281](#)