

## **CURRICULUM VITAE**

### **MOHAMMAD MAHMOODI**

#### **Personal details:**

Date of birth: 24 June 1974

Place of birth: Zanzan, Iran

Nationality: Iranian

Sex: Male

Marital status: Married

Current address: TARI Herbarium, Research Institute of Forests and Rangelands, P.O. Box 13185-116, Tehran, Iran.

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#### **Education:**

- 1995-1999: BSc in Biology, Department of Plant Science, Faculty of Biological Science, Kharazmi University, Tehran, Iran.
- 2002-2005: MSc in Plant Biology (Ecology and Systematic), Department of Biology, Faculty of Science, Bu-Ali Sina University, Hamedan, Iran.
- 2011-2015: PhD in Plant Systematics, Department of Plant Science, Faculty of Biological Science, Kharazmi University, Tehran, Iran.

#### **Main research interests:**

- Ecological Niche modeling of Plants
- Functional Ecology of Plants
- Plant Systematics
- Biogeography and Ecology of *Astragalus*
- Biogeography and evolution of Mountain plants
- Biodiversity and Conservation of flora of Iran
- Climate Change, Land use and Human Impact on plant communities in Iran
- Biodiversity of Iranian Alpine Flora

#### **MSc thesis subject:**

Study of Cushion plants distribution in the southern slope of Central Alburz

## PhD thesis subject:

Plant Diversity and plant functional types along elevational gradient in Damerlu Mountains of northwestern Iran

## Publications:

### Book:

- **Mahmoodi, M.** (2018). Flora of Iran No. 146: (Parnassiaceae). Research Institute of Forests and Rangelands Publication, Tehran, Iran.
- Ghahremaninejad, F., Nejad Falatoury A., **Mahmoodi, M.**, Feridonfar, S. & Hoseini, E. (2013). Plant Chromosome Book of Iran. Khan-e Zistshenasi Publication, Tehran, Iran.

### International peer-reviewed journals:

- Noroozi, J., Zare, G., Sherafati, M., **Mahmoodi, M.**, Asgarpour, Z. and Schneeweiss, G.M. (2019). Patterns of Vascular Plant Endemism in Turkey, the Meeting Point of Three Global Biodiversity Hotspots. *Frontiers in Ecology and Evolution* 7: p.159. DOI: <https://doi.org/10.3389/fevo.2019.00159>
- **Mahmoodi, M.** (2018). The conservation status of *Campanula lamondiae*: a rare endemic species in Iran. *Journal of Iran Nature* 3 (4): 98-102.
- **Mahmoodi, M.**, Moazzeni, H., Bidarlord, M., Ghahremaninejad, F., & Maassoumi, A. A. (2017). *Erysimum damirliense* sp. nov. (Brassicaceae) from Iran. *Nordic Journal of Botany* 35 (1): 8-13. DOI: 10.1111/njb.01305, ISSN 1756-1051.
- **Mahmoodi M.** & Nejad Falatoury A. (2016). *Allochrysa lutea* (Caryophylloideae, Caryophyllaceae) a new species from Iran. *Phytotaxa* 277 (2): 191-198. DOI: <http://dx.doi.org/10.11646/phytotaxa.277.2.6>
- **Mahmoodi, M.**, Zeraatkar, A., Ghahremaninejad, F. & Maassoumi, A. A. (2016). A new species of *Matthiola* (Brassicaceae, Anthonieae) from Iran. *Phytotaxa* 261 (2): 194-198. DOI: <http://dx.doi.org/10.11646/phytotaxa.261.2.9>.
- **Mahmoodi, M.**, Safavi, S. R., & Ghahremaninejad, F. (2016). *Tragopogon maroofii*, a new name for *T. kurdicus* Safavi & Maroofi (Asteraceae). *Annales Botanici Fennici* 53 (1–2): 36-36.
- **Mahmoodi, M.**, Ghahremaninejad, F. & Maassoumi, A. A. (2015). Validation of the names of four Iranian plant taxa. *Phytotaxa* 227 (1): 99-100. DOI: <http://dx.doi.org/10.11646/phytotaxa.227.1.11>
- **Mahmoodi, M.**, Ghahremaninejad, F. & Maassoumi, A. A. (2015). A New Record of the Genus *Myosotis* (Boraginaceae) for the Flora of Iran: Rediscovery of a Rare Plant. *Iranian Journal of Botany*, 21(1), 43-46. DOI: 10.22092/IJB.2015.101451
- Aghaahmadi, M., **Mahmoodi, M.** & Jamzad, Z. (2014). Distribution patterns of Iranian species of *Saxifraga* with their phytogeographical significance. *Rostaniha* 15(2): 85-93.

- **Mahmoodi, M.**, Maassoumi, A. A., & Noroozi, J. (2013). A new alpine species and a new record of *Astragalus* sect. *Stereothrix* (Fabaceae) from Iran, with comments on the phytogeography of the section. *Willdenowia* 43: 263-270. DOI: <https://doi.org/10.3372/wi.43.43205>
- **Mahmoodi, M.**, Maassoumi, A. A., & Jalili, A. (2012). Distribution patterns of *Astragalus* in the old world based on some selected sections. *Rostaniha*, 13(1): 39-56.
- **Mahmoodi, M.**, Maassoumi, A. A., & Hamzeh'ee, B. (2009). Geographic distribution of *Astragalus* (Fabaceae) in Iran. *Rostaniha*, 10 (1): 112-132

### Participation at scientific meetings:

- **Mahmoodi, M.**, Maassoumi, A. A., Plant diversity, endemism and plant functional types along altitudinal gradient in Damirli Mountains in north-west Iran, 10th Annual Meeting of the GfÖ Specialist Group on Macroecology, Vienna, Austria, April 2017. (poster presentation)
- Safavi, S. R., Charkhchian, M. M. & **Mahmoodi, M.**, Introducing *Cladonia rangiformis*, as a biological indicator lichens for Qazvin province, 2nd National Conference of Sustainable Management of Soil and Environment Resource, Shahid Bahonar University, Kerman, Iran, September 2016. (poster presentation)
- Safavi, S. R. & **Mahmoodi, M.**, *Ramalina sinensis* mas a Bioindicator lichens for Arasbaran Biosphere Reserve, 1nd National Conference of Agricultural Development and Healthy Earth, University of Tehran, Karaj, Iran, January 2016. (Oral presentation)
- **Mahmoodi, M.**, Maassoumi, A. A., Mahmoodi, Kh. Distribution patterns of *Astragalus* in the old world based on some selected sections, 16<sup>th</sup> National & 4<sup>nd</sup> International Conference of Biology, at the Ferdowsi University of Mashhad, Mashhad, Iran, 14-16<sup>th</sup> September 2010. (oral presentation)
- **Mahmoodi, M.** Shamsavari, A. Mozaffarian, V. Study of distribution of Cushion plants in the southern slope of central Alborz; Ecological Nich Modeling, 14<sup>th</sup> National & 2<sup>nd</sup> International Conference of Biology, at the Tarbiat Modares University, Tehran, Iran, 29-31<sup>th</sup> August 2006. (poster presentation)
- Shamsavari, A. **Mahmoodi, M.** The study on Cushion plants in central Alborz, 14<sup>th</sup> National & 2<sup>nd</sup> International Conference of Biology, at the Tarbiat Modares University, Tehran, Iran, 29-31<sup>th</sup> August 2006. (oral presentation)
- **Mahmoodi, M.** Shamsavari, A. Mozaffarian, V. The study of altitude extension of cushion plant in central Alborz and comparing with the whole Flora-Iranica district, 14<sup>th</sup> National & 2<sup>nd</sup> International Conference of Biology, at the Tarbiat Modares University, Tehran, Iran, 29-31<sup>th</sup> August 2006. (poster presentation)

### Memberships of scientific networks and societies:

- Iranian Biology Society
- Iranian RS and GIS Society

## **Computer skills:**

- Statistical software: SPSS, MINITAB, R.
- GIS: Arc-GIS, DIVA- GIS

## **Language skills:**

Farsi (Persian): native

Turkish: native

English: good (orally and written)

Arabic: basic

## **Academic references:**

- Prof. Dr. Ali Asghar Maassoumi

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- Prof. Dr. Farrokh Ghahremaninejad

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- Associate Prof. Dr. Abbas Shamsavari

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- Prof. Dr. Valiollah Mozaffarian

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- Prof. Dr. Mostafa Assadi

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- [Prof. Dr. Adel Jalili](#)

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- [Prof. Dr. Ziba jamza](#)

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