

Curriculum Vitae

Personal History

- * **Name (first name/surname, last name/forename):** Zeinab Toluei
- * **Birth date:** 23 December 1978
- * **Gender:** Female
- * **Nationality:** Iranian
- * **Marital status:** Married



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Educational History

a. Education (Academic Preparation)

Major	Minor	Degree	University	City	Country	Year	
						From	To
Biology	Zoology	B. Sc.	Tarbiat Moallem University (Kharazmi University)	Tehran	Iran	1999	2002
Biology	Plant Ecology and Systematics	M. Sc.	Bu-Ali Sina University	Hamedan	Iran	2004	2006
Biology	Plant Systematics	Ph. D	Bu-Ali Sina University	Hamedan	Iran	2006	2012
Biology	Plant Molecular Systematics	Visiting Ph. D student	Ruprecht-Karls-Universität Heidelberg	Heidelberg	Germany	2010	2011

b. Theses

Title of thesis	Degree	Supervisor(S)	Advisor
Biosystematic study on the genus <i>Onobrychis</i> Miller sect. <i>Onobrychis</i> in Iran	M. Sc.	Dr. Massoud Ranjbar	Dr. Roya Karamian
Systematic study on the genus <i>Onobrychis</i> Miller sect. <i>Onobrychis</i> in Iran	Ph. D	Prof. Dr. Morteza Atri	Dr. Massoud Ranjbar
Systematic study on the genus <i>Onobrychis</i> Miller sect. <i>Onobrychis</i> in Iran (Phylogeny and Phylogeography)	Ph. D	Prof. Dr. Michael Wink	-

▪ **Teaching history**

University	Level	Type of lesson (theory or Practical)	Title of lesson	Year	
				From	To
Bu-Ali Sina University	Undergraduate	Theory	Botany- Plant Morphology and Taxonomy	2006	2007
Malayer University	Undergraduate and Postgraduate (M. Sc.)	Theory and Practical	Plant systematics- Modern Taxonomy- Plant Taxonomy	2011	2013
University of Kashan	Undergraduate	Theory	Ecology- Evolution	2012	Continue

▪ **Publications:**

a. Full papers

- 1- **Toluei Z**, Atri M, Ranjbar M & Wink M. 2013. Iranian *Onobrychis carduchorum* (Fabaceae) populations: morphology, ecology and phylogeography. –Plant Ecology and Evolution 146 (1): 53–67.
- 2- **Toluei Z**, Ranjbar M, Wink M & Atri M. 2013. Molecular phylogeny and ecogeography of *Onobrychis viciifolia* Scop. (Fabaceae) based on nrDNA ITS sequences and genomic ISSR fingerprinting. – Feddes Repertorium. DOI 10.1002/fedr.201200021.
- 3- **Toluei Z**, Ranjbar M, Wink M & Atri M. 2013. Molecular characterization of *Onobrychis altissima* (Fabaceae) populations from Iran with the description of *O. chaldoranensis*, sp. nova. – Annales Botanici Fennici 50: 249–257.

- 4- **Toluei Z**, Atri M, Ranjbar M & Wink M. 2012. Morphological, genetical and ecogeographical characterization of long-winged species of *Onobrychis* sect. *Onobrychis* (Fabaceae) in Iran. – Iranian Journal of Botany 18 (1): 31–41.
- 5- **Toluei Z**, Atri M & Ranjbar M. 2010. Taxonomic study of *Onobrychis transcaspica* V. Nikitin (Fabaceae) in northeastern of Iran with emphasis on altitudinal effect on morphological characters using floristic marker. – Taxonomy and Biosystematics 2: 25–38.
- 6- Ranjbar M, Karamian R, **Toluei Z** & Amirabadizadeh H. 2007. *Onobrychis assadii* (Fabaceae), a new species from Iran. – Annales Botanici Fennici 44: 481–484.
- 7- Sharifi M.M. & **Toluei Z**. 2008. The study of salinity and drought stress effects on three range species: *Agropyron intermedium*, *Avena barbata* and *Panicum antidotale* from Iran. Multifunctional Grasslands in a Changing World 1: 119.
- 8- **Toluei Z.**, Borzouei Z., Bagheri A. & Zahraei E. 2002. The study of irrigation rate effects on antibacterial activity of *Rosmarinus officinalis*. Proceedings of the 1st scientific Meeting of Biology & Biotechnology organized for B. Sc students (Iran). Pp. 22-27.

b. Abstract

- 1- **Toluei Z**, Ranjbar M, Wink M & Atri M. 2011. Morphological variations of *Onobrychis viciifolia* Scop. populations (Fabaceae) in Iran and their relationship with ecogeographical factors. Biosystematics Berlin Conference, 21-27 February. Germany-Berlin.
- 2- **Toluei, Z.**, Atri, M. and Ranjbar, M. 2011. The ecogeographic study of *Onobrychis transcaspica* V. Nikitin (Fabaceae) in Iran. International conference on Biodiversity and environmental crisis: past, present and future. 11-13 February. India.
- 3- **Toluei, Z.**, Atri, M. and Ranjbar, M. 2010. The study of stations of *Onobrychis carduchorum* C.C.Towns. in Iran. 16th National & 4th International Conference of Biology. 14-16 September. Ferdowsi university of Mashhad, Iran.
- 4- **Toluei, Z.**, Atri, M. and Ranjbar, M. 2010. A morphometric study of the ecogeographic variation in *Onobrychis carduchorum* C.C. Towns. (Fabaceae) in Iran. XI International Conference of International Organization of Plant Biosystematists. 02-04 September. India.
- 5- **Toluei, Z.**, Atri, M. and Ranjbar, M. 2009. Intraspecific diversity study of *Onobrychis transcaspica* V. Nikitin with floristic, morphologic and ecological markers in northeastern of Iran. 2nd Iranian Plant systematics Conference. 10 December. Tehran Shahid Beheshti University.
- 6- Olanj, N., Ranjbar, M., Karamian R., **Toluei, Z.** 2009. Seed Storage Protein Profile of Some *Hedysarum* L. Species Grown in Iran, Using SDS-PAGE. 2nd Iranian Plant systematics Conference. 10 December. Tehran Shahid Beheshti University.

- 7- **Toluei, Z.**, Ranjbar, M. and Karamian, R. 2009. Comparative anatomical study on *Onobrychis* sect. *Onobrychis* in Iran. National conference of Biology students (NCBS- 2009). 15- 16 July. Shahrekord University.
- 8- Karamian, R., **Toluei, Z.** and Ranjbar, M. 2008. Seed- coat microsculpturing and its systematic application in *Onobrychis* sect. *Onobrychis* in Iran. 15th National & 3rd International Conference of Biology. 19-21 Agust. University of Tehran.
- 9- Ranjbar, M., **Toluei, Z.** and Karamian, R. 2007. Numerical taxonomy of *Onobrychis* sect. *Onobrychis* from Iran. 1st National Plant Taxonomy Conference of Iran. 6 September. National Botanical Garden of Iran, Research Institute of Forest and Rangelands, Tehran.
- 10- Karamian, R., **Toluei, Z.** and Ranjbar, M. 2006. Systematic study of the *Onobrychis* sect. *Onobrychis* in Iran. 14th National & 2nd International Conference of Biology. 29-31 Agust. Tarbiat Modares University, Tehran.

▪ **Research Interests**

- 1) Plant Systematics
- 2) Plant Ecology
- 3) Plant Phylogeny
- 4) Plant Phylogeography

▪ **Abilities:**

- 1) Techniques: PCR, DNA Extraction, DNA Fingerprinting, DNA Sequencing, Electrophoresis, Biometry, Plant anatomy, Plant palynology.
- 2) Working with SPSS, MVSP, NTSYS, BIOEDIT, MEGA, PAUP, TREEVIEW, DnaSP and ANAPHYTO Softwares

3) **Honors and Awards**

Award	Place	Awarding body	Year
Distinguished Student in Faculty of science	Bu-Ali Sina University	Vice-Chancler of Bu-Ali Sina University	2010, 2009 and 2007
Top student in M. Sc. Course among graduated students	Bu-Ali Sina University	Vice-Chancler of Bu-Ali Sina University	2006
Top student in B. Sc. Course among graduated students	Tarbiat Moallem University of Tehran	Vice-Chancler of Tarbiat Moallem University	2002

Membership in Iranian National Foundation of Talents	Iran
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4) **Membership in Professional Associations and societies (Professional Memberships)**

Name of Association	Site of association
Iranian Society of Biology	http://www.ibs.org.ir
Iranian National Foundation of Talents	http://www.bmn.ir