





PERSONAL INFORMATION

Flavio Tarquini

 Botanical Garden of Rome, Department of Environmental Biology - Sapienza University of Rome,
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Sex male | [Date of birth](#) 18/10/1972 | [Nationality](#) Italian

WORK EXPERIENCE

-
- 2018-2020 **Coordinator of the botanical documentation of the Collections, of Educational Services and Communication**
Botanical Garden of Rome, Department of Environmental Biology - Sapienza University of Rome,
Largo Cristina di Svezia 23A, 00165 Roma
- 2017-2020 **Collaborator of the School of Specialization in Natural and Territorial Heritage - Architecture of parks, garden and naturalistic environmental systems**
Sapienza University of Rome, via E. Gianturco 2, 00196 Roma
- 2014-2018 **Research fellow**
Botanical Garden of Rome, Department of Environmental Biology - Sapienza University of Rome,
Largo Cristina di Svezia 23A, 00165 Roma
Research grant on plant collections
Environmental and Applied Botany
- 2008-2016 **Teaching of Natural Sciences, chemistry, geography and microbiology in the secondary school level II**
Liceo S.Paolo, Liceo Scientifico Azzarita, Liceo Albertelli, Liceo Tito Lucrezio Caro, Liceo Virgilio,
Liceo Avogadro, Liceo Farnesina, Liceo Righi, Rome
- 2009-2016 **Member of the Committee on the Systematic Botany, Systematics and Phylogeny of Plants and Geobotany exams for the Natural Sciences degree**
Sapienza University of Rome, P.le A. Moro, 5 - 00185 Rome, Italy
- 2012-2014 **Assignment for divulgative activities of the Botanical Garden of Rome related to the taxonomic and nomenclatural knowledge of native and exotic flora**
Botanical Garden of Rome, Department of Environmental Biology - Sapienza University of Rome,
Largo Cristina di Svezia 24, 00165 Roma
Research, divulgation and education
- 2010-2011 **Assignment for educational activities of the Botanical Garden of Rome**
Botanical Garden of Rome, Department of Environmental Biology - Sapienza University of Rome,
Largo Cristina di Svezia 24, 00165 Roma

2009-2010 Research fellow

Department of Environmental Biology - Sapienza University of Rome, Largo Cristina di Svezia 24,
00165 Roma

Research grant on plant systematic
Systematic Botany

EDUCATION AND TRAINING

- 27.04.2005 **Degree in Natural Sciences**
Sapienza University of Rome, P.le A. Moro, 5 - 00185 Rome, Italy
- March-May 2008 **Study period in the Kew Royal Botanic Gardens**
Richmond TW9 3AB, UK
- 04.02.2009 **PhD in Botanical Sciences**
Sapienza University of Rome, P.le A. Moro, 5 - 00185 Rome, Italy
- 10.04.2013 **Qualification to the teaching of Natural Sciences, chemistry, geography and microbiology in secondary schools**
Sapienza University of Rome, P.le A. Moro, 5 - 00185 Rome, Italy
- 01.10.2001 – 16.12.2001 **Partecipation to the course “naturalistic drawing”**
Civic Zoological Museum, via U. Aldrovandi 18, 00197 Rome
- 13.10.2006 - 15.10.2006 **Partecipation to the course “Morphometric analysis of vascular plants”**
National Park of Gran Sasso-Laga Mountains, Via Provinciale km 4,2 - 67021 Barisciano (AQ)
- 09/10/2007 – 11/10/2007 **Partecipation to the “Theoretical and practical course for the application of molecular methods to biosystematic study”**
Gruppo di Lavoro per la Biosistemica Vegetale della Società Botanica Italiana & Università della Calabria
- 01/10/2009 – 30/09/2010 **didactic activities for the courses in Botany and Systematic Botany (Degree in Natural Sciences)**
Sapienza University of Rome, P.le A. Moro, 5 - 00185 Rome, Italy

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

Replace with language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
	B1	B1	B1	B1	B1
Trinity College London					
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user					
Common European Framework of Reference for Languages					

Digital competence

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software gained as an amateur photographer

Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Driving licence B

ADDITIONAL INFORMATION

- Publications**
- F. TARQUINI, D. NARDELLA, M. COLASANTE, in press – *Scheda diagnostica di Iris foetidissima e varietà*. Boll. Soc. Ital dell'Iris (Firenze), 48
- F. TARQUINI, D. NARDELLA, M. COLASANTE, in press – *Caratterizzazione di Hermodactylus tuberosus (L.) Mill.* Boll. Soc. Ital dell'Iris (Firenze), 48 – in press
- F. TARQUINI, F. ATTORRE, 2020 - *Il Museo Orto Botanico di Roma dal medioevo a oggi: caratteristiche, funzioni e prospettive*. Annali di Storia delle università italiane ISSN 1127-8250
- GRATANI, L., CATONI, R. and TARQUINI, F., 2019 - *Carbon Dioxide Sequestration Capability of the Botanical Garden of Rome: Environmental and Economic Benefits*. American Journal of Plant Sciences, 10, 1249-1260. <https://doi.org/10.4236/ajps.2019.108090>
- GRATANI, L., TARQUINI, F. and CATONI, R., 2019 - *Tree Role in Environmental Quality Amelioration of the Sapienza University of Rome Campus*. American Journal of Plant Sciences, 10, 2096-2112. <https://doi.org/10.4236/ajps.2019.1011148>
- F. TARQUINI, M. COLASANTE, 2009 – *Iris reichenbachii Heuff.: la specie ed alcuni suoi ibridi naturali, sperimentali e varietà*. Boll. Soc. Ital dell'Iris (Firenze), 47, 65-76. ISSN-1721-8020
- F. TARQUINI, M. COLASANTE, 2009 – *Iris japonica Thunb., nota in Oriente per le sue proprietà curative, conquista l'Occidente anche ibridizzandosi con altre iris crestate*. Boll. Soc. Ital dell'Iris (Firenze), 47, 55-64. ISSN-1721-8020
- F. TARQUINI & M. COLASANTE, 2008 – *Preliminary data on climate change and its effect on some Romulea Maratti species present in Italy*. Climate Change and Systematics meeting in Dublin, Ireland, 1-3 settembre 2008. Poster & Abstract
- F. TARQUINI, M. COLASANTE, 2007 – *Iris e Romulee verso nuovi orizzonti: tutto in famiglia è possibile?* Boll. Soc. Ital. dell'Iris (Firenze) 45: 35-40
- Books**
- L. GRATANI, F. TARQUINI, in press - *Alberi Monumentali di Platanus orientalis nell'area metropolitana di Roma*. Palombi Editore
- TARQUINI F., BONACQUISTIS., BLASI C., 2014 – *Guida del Museo Orto Botanico di Roma* – Sapienza Università Editrice, Roma – ISBN 978-88-98533-22-0
- Book chapters**
- COLASANTE M., TARQUINI F., 2017 – *Fam. Iridaceae*, in S.Pignatti, R.Guarino, M.La Rosa, *Flora d'Italia*. Volume I Nuova Edizione – Edagricole – New Business Media. ISBN: 978-88-506-5242-6
- FABRINI G., PUGLIELLI G., TARQUINI F., GRATANI L., 2016. *Crop Wild Relative species in the Rome Germoplasm Bank: present state and future perspectives*. In: Mariotti M., Magrini S. (eds.). *The RIBES seed-banks for the conservation of the Crop Wild Relatives (CWR)*, Pp. 37-42. ISBN: 978-88-940844-2-9.

Attendance to national and international congress and workshop

GRATANI L., VARONE L., CATONI R., PUGLIELLI G., TARQUINI F., 2017. The Botanical Garden of Rome: carbon dioxide sequestration by plant collections. *6° Global Botanic Gardens Congress*. Ginevra, Svizzera, 26-30 giugno 2017.

GRATANI L., CATONI R., PUGLIELLI G., TARQUINI F., VARONE L., 2017. Carbon dioxide sequestration capability of the Botanical Garden of Rome: environmental and economic benefits. *Green Infrastructure: Nature Based Solutions for Sustainable and Resilient Cities*. Orvieto, 4-7 aprile 2017, p. 22.

GRATANI L., CATONI R., PUGLIELLI G., TARQUINI F., VARONE L., 2017. Plasticità fenotipica di *Carpobrotus edulis*: capacità di crescita in risposta alla luce. *RES MARIS, Conservazione e Gestione delle Aree Costiere Nel Mediterraneo*, LIFE13/NAT/IT/000433. Roma, Orto Botanico, 14 giugno 2017.

GRATANI L., VARONE L., CATONI R., PUGLIELLI G., TARQUINI F., 2017. The Botanical Garden of Rome: carbon dioxide sequestration by plant collections. *6° Global Botanic Gardens Congress*. Ginevra, Svizzera, 26-30 giugno 2017.

GRATANI L., TARQUINI F., PUGLIELLI G., CATONI R., VARONE L., 2016 ----- *The role of the Botanical Gardens in air quality amelioration*. Incontro annuale Gruppo Orti Botanici e Giardini storici Società Botanica Italiana, Orto Botanico dell'Università degli Studi di Cagliari, 14 November 2016

GRATANI L., CRESCENTE M.F., VARONE L., TARQUINI F., PUGLIELLI G., CATONI R., LUCCHETTA F., SANGIORGIO S., 2016. Ecosystem services: the role of plants in urban parks. *"111° Congresso della Società Botanica Italiana ----- III International Plant Science Conference*

TARQUINI F., COLASANTE M., 2010 – *Monogeneric botanic gardens as an important resource against genetic erosion* – IV Global Botanic Gardens Congress. Botanic Gardens Conservation International & the National Botanic Gardens of Ireland. Dublin, 13-18 June 2010

COLASANTE M., COZZOLINO S., TARQUINI F., 2008 ----- *Intrapopulation polymorphism in Romulea bulbocodium Sebast. & Mauri (Iridaceae)* Monocots IV/ Grasses V 2008 Conference in Copenhagen, Natural History Museum of Denmark, 11-15 August

COLASANTE M., TARQUINI F., 2007 ----- *Preliminary micromorphological data on some Romulea Maratti taxa*. VI Biennial Meeting "Floras & Faunas Serving Biodiversity / Speciation Research. Systematics Association, Edinburgh 28-31 August 2007

COLASANTE M., TARQUINI F., 2006 ----- *Preliminary data on percentage between species and natural and naturalised Iris hybrid taxa present in Italy*. Atti del II Simposio Internazionale dell'Iris "Hybrids & Iris". Società Italiana dell'Iris, Firenze; pp. 60-68

Other publications

F. TARQUINI, in press - "Dalla vite di Giano al Vigneto Italia dell'Orto Botanico di Roma: mito, storia e attualità". Il Caffè Letterario del Giardino Romano 2020

F. TARQUINI - "Opuntia ficus-indica (L.) Mill., un enigma botanico" - Piante Grasse, anno XXXIII Vol. 33. April June 2013

F. TARQUINI - "La coltivazione delle Iris barbate" Boll. Soc. Ital dell'Iris (Firenze), 46 - 2008.

F. TARQUINI, V. MIOZZI "La Montagna dell'Anima". Roma, Edizioni Settimo Sigillo, July 2002

F. TARQUINI, V. MIOZZI "Pensieri sulla vetta" in "L'Appennino" periodico del Club Alpino Italiano, n°2, 2000

F. TARQUINI, V. MIOZZI "Il Velino del futuro? No grazie" in "L'Appennino" periodico del Club Alpino Italiano, n°1, 1999

Awards

4th "geotourism in Italy" competition prize Edition 2006 for the project "Nature trail Valle Majelama ----- Vallone del Bicchero"

Associations

Member of the Italian Iris Society since 2007 and coordinator for Section Lazio since 2009

Member of the Systematics Association from 2015

Member of the Linnean Society from 2015

