

University Academic Curriculum Vitae

Personal information

Name: Gianmarco Tavilla

Website: <https://www.researchgate.net/profile/Gianmarco-Tavilla>

ORCID: <https://orcid.org/0000-0002-4634-6440>

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=57217167872>

Education since leaving school

- 03/2025: Italian National Scientific Qualification as Associate Professor (Call D.D. 1796/2023) in the sector 05/A1 Botany (10/03/2025 - 10/03/2037)
- 03/2024: PhD in Earth and Environmental Sciences with the additional qualification of Doctor Europaeus (University of Catania)
- 12/2020: Licence of Biologist section A, 01 December 2020 (II session 2020, regulation 2020/2021), (University of Catania)
- 07/2020: Master's Degree in Environmental Biology – 110/110 cum laude (University of Catania)
- 07/2018: Bachelor's Degree in Environmental and Natural Sciences – 104/110 (University of Messina)

Present appointment

Title of the Appointment

Flash floods prediction and impact in protected mountain areas (FLASH)

Date

July 15, 2025 – July 15, 2026

Position

Research Assistant

Main activities and responsibilities

Field and lab work, including vegetation mapping, biodiversity analysis, and modelling, to assess the impact of heavy rainfall on alpine vegetation, plant functional diversity, and ecosystem functions. Analyzed complex interactions between natural events, protected areas, and human impacts to inform ecosystem responses and develop effective management and conservation strategies for riverine and stream habitats in alpine environments

Professional experience

Dates

16 February 2024 – 15 February 2025

Name of the employer

National Research Council of Italy (CNR), Institute of Atmospheric Pollution Science, Bari (Italy)

Position

Research fellow

Main activities and responsibilities

Habitat and vegetation monitoring

Dates

16 April 2019 – 31 December 2019

Name of the employer

Botanical Garden “Pietro Castelli” – University of Messina

Position

Science communicator

Main activities and responsibilities

Teaching activities about botany for primary, middle and high school students.

Experience in academic teaching

Dates	October 2022 - June 2023
Position	Undergraduate Supervisor for 2 Master's theses and 1 Bachelor's thesis.
Dates	May 2023 – June 2023 (20 hours total)
Name of the employer	University of Catania
Position held	Integrative teaching activity in official university courses
Main activities and responsibilities	Classroom activities for students of the “Phylogenetic systematics of spermatophytes with laboratory” course of the Bachelor's Degree in Environmental and Natural Sciences.
Dates	May 2023 (20 hours total)
Name of the employer	University of Catania
Position	Senior teaching assistant
Main activities and responsibilities	Botany course supervisor of the Bachelor's Degree in Biology.
Dates	May 2022 – June 2022 (20 hours total)
Name of the employer	University of Catania
Position	Integrative teaching activity in official university courses
Main activities and responsibilities	Classroom activities for students of the “Phylogenetic systematics of spermatophytes with laboratory” course of the Bachelor's Degree in Environmental and Natural Sciences.
Dates	June 2022 – July 2022 (20 hours total)
Name of the employer	University of Catania
Position	Junior teaching assistant
Main activities and responsibilities	Botany course supervisor of the Bachelor's Degree in Biology.
Dates	March 2021 – June 2021 (23 hours total)
Name of the employer	University of Catania
Position	Junior teaching assistant
Main activities and responsibilities	Botany course supervisor (class M-Z) of the Bachelor's Degree in Biology.
Dates	March 2021 – June 2021 (40 hours total)
Name of the employer	University of Catania
Position	Integrative teaching activity in official university courses
Main activities and responsibilities	Classroom activities for students of the “Analysis and monitoring of Mediterranean flora” course of the Master's Degree in Environmental Biology.
Dates	March 2021– May 2021 (23 hours total)
Name of the employer	University of Catania
Position	Junior teaching assistant
Main activities and responsibilities	Botany course supervisor (class A-L) of the Bachelor's Degree in Biology.
Dates	April 2020 – June 2020 (16 hours total)

Name of the employer	University of Catania
Position	Junior teaching assistant
Main activities and responsibilities	Botany course supervisor (class M-Z) of the Bachelor's Degree in Biology.
Impact of own research	70 papers in peer-reviewed scientific journals and 30 abstracts presented at national and international conferences. From Scopus (Elsevier): Documents: 54; Total citations: 286; H-index: 11 (updated to 21 June 2025)
Collaboration in research project and groups	• Research collaborator of the Fight Alien Species Transborder: FAST project. Programme INTERREG V-A ITALY-MALTA 2014-2020 (12.11.2020 - 11.05.2023). • Botanical Consultant and collaboration with Nature Trust Malta, studying the flora and vegetation of the SAC Il-Ballut ta' Marsaxlokk wetland area in 2023. • Collaboration with the Plant Biology Research Group at the Department of Biology, University of Malta, coordinated by Prof. Sandro Lanfranco (since 2023). • Research Collaboration on Calabrian Endemic Flora, University of Reggio Calabria, coordinated by Prof. Giovanni Spampinato (2022-2023) • Research Collaboration with the Botany Group at the Department of Biological, Geological and Environmental Sciences, University of Catania, Coordinated by Prof. Pietro Minissale (since 2021)
Research visits	• Visiting researcher, Environment and Resources Authority (ERA) of Malta (Duration: 19 September – 19 October 2022) • Scientific collaboration with the Departamento de Paisagem, Ambiente e Ordenamento, University of Évora, person in charge Prof. Carlos Pinto Gomes, concerning the project "Overview of the salt-marsh plant communities of the Salicornietea fruticosae class in the Mediterranean area" (period: 15 February 2023 – 17 April 2023).
Editorial activity	- Editorial Board Member of <i>Discover Conservation</i> (E-ISSN: 3004-9784) - Editorial Board Member of <i>BMC Plant Biology</i> (ISSN: 1471-2229) - Early Career Editorial Board Member of <i>Phyton-International Journal of Experimental Botany</i> (ISSN:1851-5657) - Associate Editor of <i>Frontiers in Conservation Science</i> (ISSN 2673-611X) - Subject Editor of PhytoKeys (ISSN 1314-2003) - Subject Editor of <i>Nature Conservation</i> (ISSN 1314-6947) - Subject Editor of <i>Biodiversity Data Journal</i> (ISSN 1314-2836) - Subject Editor of <i>Natural History Collections and Museomics</i> (ISSN 3033-0955) - Subject Editor of <i>Vegetos</i> (ISSN 0970-4078) - Guest Editor of <i>Vegetation Ecology and Diversity</i>, permanent Topical Collection: Advances in vegetation analysis through remote sensing technology - Guest Editor, Invited, <i>Land</i>, Special Issue: Vegetation Spatial Dynamics and Plant Diversity Trends of Natural and Urban Landscapes (until 31 July 2025) - Guest Editor, <i>Plants</i>, Special Issue: Exploring Plant Biodiversity: Interdisciplinary Perspectives and Research Frontiers (closed, 28 February 2025) - Topic Coordinator, Invited, <i>Frontiers in Conservation Science</i>, Research Topic on Challenges for the Conservation of Flora and Vegetation in the Mediterranean-Climate Region (closed, 31 December 2023)
Peer reviewer activity	Reviewer for the following scientific journals: PhytoKeys, South African Journal of Botany, Agriculture, Biology, Diversity, Heliyon, Land, Ecological Indicators, Plants, Vegetos, Journal for Nature Conservation, Horticulturae, Perspectives in Plant

Scientific Publications
(* corresponding author)

1. **Tavilla G***, Ferrer-Gallego P.P. (2025) Nomenclatural notes on *Centaurea reichenbachii* DC. (Asteraceae). Kew Bulletin, *in press*
2. **Tavilla G***, Celep F. (2025) Typification of *Salvia smyrnaea* and *Salvia eriophora* (Lamiaceae) described by Pierre Edmond Boissier from Türkiye. Adansonia, *in press*
3. **Tavilla G** (2025) Lectotypification of *Salvia sikkimensis* E. Peter and *S. sikkimensis* var. *chaenocalyx* E. Peter (Lamiaceae). Novon, *in press*
4. **Tavilla G***, Lanfranco S. (2025) *Oenothera* L. a new genus of alien plant first reported in the Maltese Islands. Phytotaxa 705(2): 203-211. <https://doi.org/10.11646/phytotaxa.705.2.7>
5. **Tavilla G** (2025) Nomenclature revision and validation of some syntaxon names of the orophilous vegetation in Greece. Hacquetia <https://doi.org/10.3986/hacq-2025-0018>
6. **Tavilla G***, Crespo, M.B, Ferrer-Gallego P.P. (2025) Challenges in Typification Within Taxonomically Complex Groups: The Case of the Linnaean Name *Centaurea phrygia* (Asteraceae). Plants 14(9), 1336. <https://doi.org/10.3390/plants14091336>
7. **Tavilla G***, Lanfranco S (2025) Assessing plant species diversity in Maltese rocky cliffs using Hill numbers and its implications for conservation. Frontiers in Conservation Science 6: 1552578. <https://doi.org/10.3389/fcsc.2025.1552578>
8. **Tavilla G** (2025) Revisiting the typification of the Linnaean name *Allium fistulosum* (Amaryllidaceae). Annales Botanici Fennici 62: 27–29. <https://doi.org/10.5735/085.062.0104>
9. **Tavilla G** (2025) Typification of two names in the genus *Salvia* (Lamiaceae). Kew Bulletin 80: 209-213. <https://doi.org/10.1007/s12225-024-10241-0>
10. Todaro FM, Adamo M, **Tavilla G**, Meireles C, Tomaselli V (2024) Monitoring of Habitats in a Coastal Dune System Within the “Arco Ionico” Site (Taranto, Apulia). Land 13, 1966.
11. Bartolucci F, Domina G, Buccomino G, Ciaschetti G, Conti F, Costanza N, De Luca A, Del Guacchio E, Falcinelli F, Forte L, Galasso G, Ganz C, Iamónico D, Lonati M, Marengo G, Mei G, Nota G, Orsenigo S, Paziienza G, Pellegrino G, Pinzani L, Stinca A, **Tavilla G**, Tilia A, Tomaselli V, Tondi G, Venanzoni R, Lastrucci L (2024) Notulae to the Italian native vascular flora: 18. Italian Botanist 18: 97-108. <https://doi.org/10.3897/italianbotanist.18.140958>
12. Cambria S, Minissale P, **Tavilla G** (2024) Phytosociological Investigations on the Afroalpine Vegetation of the Ruwenzori Mountains (Uganda). Land 13(11): 1752. <https://doi.org/10.3390/land13111752>
13. **Tavilla G*** & Lanfranco S (2024) Neotypification of the name *Centaurea crassifolia* Bertol. (Asteraceae). Adansonia 46 (15): 157-160. <https://doi.org/10.5252/adansonia2024v46a15>
14. Porrovecchio M, Cambria S, Bacilliere G, Barone G, Crisafulli A, Di Gristina E, Di Pasquale C, Di Mauro M, Domina G, Luchino F, Marici C, Miraglia G, **Tavilla G**, Sciandrello S (2024) Using drone imagery and group field activities for an in-depth investigation of the vascular flora: a case study in the Rocca di Novara Massif (NE

15. Cambria S, Giusso del Galdo G, Minissale P, **Tavilla G***, Salmeri C (2024) *Cyclamen brulloi* (Primulaceae), a new species from Sicily (Italy). Kew Bulletin 79, 653–670. <https://doi.org/10.1007/s12225-024-10207-2>
16. Riviuccio G, Allegranza M, Angiolini C, Bagella S, Bonari G, Cannucci S, Caria MC, Ciaschetti G, De Simone L, Di Pietro R, Fanfarillo E, Fiaschi T, Gianguzzi L, Mascia F, Iamónico D, Mei G, Minutillo F, Misano G, Morabito A, Musarella CM, Patera G, Perrino EV, Senfett M, Spampinato G, Stinca A, **Tavilla G**, Tesei G, Tomaselli V, Venanzoni R, Bazan G (2024) New national and regional Annex I Habitat records: from #102 to #122. Plant Sociology 61(1): 45-58. <https://doi.org/10.3897/pls2024611/03>
17. Lozano V, Marzioletti F, Rosario Acosta AT, Arduini I, Bacchetta G, Domina G, Laface VLA, Lazzeri V, Montagnani C, Musarella CM, Nicoletta G, Podda L, Spampinato G, **Tavilla G**, Brundu G (2024) Prioritizing management actions for invasive non-native plants through expert-based knowledge and species distribution models. Ecological Indicators 166, 112279. <https://doi.org/10.1016/j.ecolind.2024.112279>
18. **Tavilla G***, Crisafulli A, Minissale P, Tomaselli V, Adamo M (2024) The Use of Drones for Cost-Effective Surveys in Natura 2000 Protected Areas: A Case Study on Monitoring Plant Diversity in Sicily (Italy). Land 13(6), 804. <https://doi.org/10.3390/land13060804>
19. **Tavilla G***, Dellaa Y (2024) Lectotypification of the Name *Artemisia kabylica* Chabert (Asteraceae). Novon 32: 84-86. <https://doi.org/10.3417/2024895>
20. Musarella CM, Laface VLA, Angiolini C, Bacchetta G, Bajona E, Banfi E, Barone G, Biscotti N, Bonsanto D, Calvia G, ..., **Tavilla G**, Villano C, Wagensommer RP, Spampinato G. (2024) New Alien Plant Taxa for Italy and Europe: An Update. Plants 13(5): 620. <https://doi.org/10.3390/plants13050620>
21. Riviuccio G, Bagella S, Bazan G, Cambria S, Cannucci S, Capotorti G, Caria MC, Cuccaro VC, De Simone L, Fanelli G, Fanfarillo E, Fiaschi T, Gennai M, Gianguzzi L, Iamónico D, La Montagna D, Mascia F, Mei G, Morabito A, Musarella CM, Orrù G, Orrù I, Patera G, Pazienza G, Perrino EV, Rocca R, Serra S, Spampinato G, Stinca S, **Tavilla G**, Todaro F, Tomaselli V, Angiolini C (2023) New national and regional Annex I Habitat records: from #83 to #101. Plant Sociology 60(2): 115-127. <https://doi.org/10.3897/pls2023602/08>
22. Fenu G, Cambria S, Giacobbe A, Khabibullaev B, Habibullo S, Peruzzi L, Porrovecchio M, **Tavilla G**, Orsenigo S (2023) Global and Regional IUCN Red List Assessments: 16. Italian Botanist 16: 121-133. <https://doi.org/10.3897/italianbotanist.16.115947>
23. Minissale P, Cambria S, Monteleone E, **Tavilla G**, Giusso del Galdo G, Sciandrello S, Badalamenti E, La Mantia T (2023) The alien vascular flora of the Pantelleria Island National Park (Sicily Channel, Italy): new insights into the distribution of some potentially invasive species. BioInvasion Records 12(4): 861-885. <https://doi.org/10.3391/bir.2023.12.4.01>
24. Cambria S, Brullo S, **Tavilla G**, Giusso del Galdo G (2023) Indagini morfologiche e anatomiche sulle foglie di *Ferula glauca* (Apiaceae) del territorio Italiano. Notiziario della Società Botanica Italiana, 7 (2): 246-248. <https://doi.org/10.3897/italianbotanist.16.114657>
25. Bartolucci F, Domina G, Adorni M, Assini S, Brugellis I, Buccomino G, Carruggio F, Conti F, Costanzo E, Del Guacchio E, Falcinelli F, Festi F, Fontanabona L, Forte L, Fortini P, Galasso G, Genduso E, Ghillani L, Gottschlich G, Iamónico D, Laface VLA, Lonati M, Mascia F, Mei G, Nota G, Palazzolo P, Pazienza G, Pellegrino G, Potenza G, Quaranta L, Repetto E, Rosati L, Santi F, Secci G, Silletti GN, Stinca A, **Tavilla G**, Tomaselli V, Tondi G, Lastrucci L (2023) Notulae

- to the Italian native vascular flora: 16. Italian Botanist 16: 89-103.
<https://doi.org/10.3897/italianbotanist.16.114657>
26. **Tavilla G**, Del Guacchio E (2023) An updated taxonomic treatment for *Saxifraga callosa* sensu amplo (Saxifragaceae). Phytotaxa 622(2): 165-171.
<https://doi.org/10.11646/phytotaxa.622.2.6>
 27. **Tavilla G***, Brullo S, Minissale P, Cambria S, Sennikov AN (2023) Lectotypification of *Anthemis aetnensis* (Asteraceae). Novon 31: 262-265.
<https://doi.org/10.3417/2023864>
 28. **Tavilla G***, Minissale P, Camilleri L, Lanfranco S (2023) Addition of two species to the Maltese flora: *Lythrum tribracteatum* Salzm. ex Spreng. (Lythraceae) and *Poa maroccana* Nannf. (Poaceae). Check List 19 (5): 743–751.
<https://doi.org/10.15560/19.5.743>
 29. **Tavilla G***, Lamoliere A, Gabarretta J, Attard V, Henwood J, Stevens DT, del Galdo GG, Minissale P, Ranno V, Adamo M, Tomaselli V, Sciandrello S, Lanfranco S (2023) Climate Change and Wetland Ecosystems: The Effects on Halophilous Vegetation Diversity in Il-Ballut ta' Marsaxlokk Natura 2000 Site (Malta). Land 12(9):1679. <https://doi.org/10.3390/land12091679>
 30. Morabito A, Allegranza M, Angiolini C, Bagella S, Bazan G, Bonini F, Camilletti M, Cannucci S, Caria MC, Crisafulli A, de Simone L, Esposito A, Fanfarillo E, Farris E, Fiaschi T, Gianguzzi L, Gigante D, Guarino R, Ilardi V, Mascia F, Mei G, Musarella CM, Patera G, Ranno V, Ravo M, Sciandrello S, Spampinato G, Stinca A, **Tavilla G**, Tesei G, Rivieccio G (2023) New national and regional Annex I Habitat records: from #60 to #82. Plant Sociology 60(1): 51-65.
<https://doi.org/10.3897/pls2023601/05>
 31. P. Novák & **G. Tavilla** (2023) *Sida rhombifolia* L. – Pp. 64–65 in: Raab-Straube E. von & Raus Th. (ed.), Euro+Med-Checklist Notulae, 16. – Willdenowia 53: 57–77. <https://doi.org/10.3372/wi.53.53104>
 32. Cambria S, Azzaro D, Caldarella O, Aleo M, Bazan G, Guarino R, Torre G, Cristaudo AE, Ilardi V, La Rosa A, Laface VLA, Luchino F, Mascia F, Minissale P, Sciandrello S, Toso L, **Tavilla G** (2023) New Data on Native and Alien Vascular Flora of Sicily (Italy): New Findings and Updates. Plants, 12(9):1743.
<https://doi.org/10.3390/plants12091743>
 33. Peruzzi L, Meneguzzo E, Ardenghi NMG, Banfi E, Galasso G, Compagnone F, Pagliani T, Zignone S, Michelutti G, **Tavilla G**, Biondolillo S, Sciandrello S, Lastrucci L, Bernardo L, Roma-Marzio F (2023) Nuove segnalazioni floristiche italiane 14. Flora vascolare (121-137). Notiziario della Società Botanica Italiana, 7(1): 185-188.
 34. Laface VLA, Musarella CM, **Tavilla G**, Cambria S, Maruca G, Giusso del Galdo G, Spampinato G (2023) Carpological Analysis of Two Endemic Italian Species: *Pimpinella anisoides* and *Pimpinella gussonei* (Apiaceae). Plants 12(5):1083.
<https://doi.org/10.3390/plants12051083>
 35. Brullo S, Brullo C, Cambria S, Minissale P, Sciandrello S, Siracusa G, **Tavilla G**, Tomaselli V, Giusso del Galdo G (2023) Taxonomical remarks on *Solenopsis laurentia* (Campanulaceae) in Italy. Phytotaxa584(2): 59-88.
<https://doi.org/10.11646/phytotaxa.584.2.1>
 36. Laface VLA, Musarella CM, **Tavilla G**, Sorgonà A, Cano-Ortiz A, Quinto Canas R, Spampinato G. (2023) Current and Potential Future Distribution of Endemic *Salvia ceratophylloides* Ard. (Lamiaceae). Land 12(1): 247.
<https://doi.org/10.3390/land12010247>
 37. Sciandrello S*, Cambria S, Giusso del Galdo G, Minissale P, Puglisi M, **Tavilla G***, Tomaselli V. (2023) Ecological Features and Conservation of *Urtica rupestris* Guss. (Urticaceae): A Narrow Endemic Species of Sicily. Plants

38. Sciandrello S, Angiolini C, Bacchetta G, Cutini M, Dumoulin J, Fois M, Gabellini A, Gennai M, Gianguzzi L, Landi M, Minissale P, Panaiotis C, Puglisi M, Spampinato G, **Tavilla G**, Tomaselli V, Viciani D, Giusso del Galdo G. (2023) *Alnus glutinosa* Riparian Woodlands of Italy and Corsica: Phytosociological Classification and Floristic Diversity. *Land* 12(1):88. <https://doi.org/10.3390/land12010088>
39. Riveccio G, Angiolini C, Azzella MM, Bagella S, Bonari G, Bonini F, Cannucci S, Caria MC, Crisafulli A, Di Pietro R, Esposito A, Fanfarillo E, Farris E, Ferri V, Fiaschi T, Forte L, Fortini P, Gianguzzi L, Gigante D, Laface VLA, Maiorca G, Mantino F, Mei G, Minutillo F, Morabito A, Musarella CM, Patera G, Perrino EV, Spampinato G, Stinca A, **Tavilla G**, Tomaselli V, Tondi G, Wagensommer RP, Bazan G (2022) New national and regional Annex I Habitat records: from #45 to #59. *Plant Sociology* 59(2): 71-98. <https://doi.org/10.3897/pls2022592/06>
40. Brullo S, Brullo C, **Tavilla G**, Siracusa G, Cambria S (2022) *Solenopsis bacchettae* (Campanulaceae, Lobelioideae), a new species from Sardinia. *Nordic Journal of Botany*: e03773. <https://doi.org/10.1111/njb.03773>
41. Fenu G, Al-Rammahi HM, Cambria S, Cristaudo AE, Khabibullaev BS, Mohammad MK, Shomurodov KF, **Tavilla G**, Orsenigo S (2022) Global and Regional IUCN Red List Assessments: 14. *Italian Botanist* 14: 81-94. <https://doi.org/10.3897/italianbotanist.14.97176>
42. Laface VLA, Musarella CM, **Tavilla G**, Cambria S, Spampinato G (2022) Morfologia del frutto di due specie endemiche italiane di Pimpinella (Apiaceae). *Notiziario della Società Botanica Italiana* 6(2): 133-134.
43. Orsenigo S, Cambria S, Khabibullaev BS, Shomurodov KF, **Tavilla G**, Troia A, Fenu G (2022) Global and Regional IUCN Red List Assessments: 13. *Italian Botanist* 13: 85–94. <https://doi.org/10.3897/italianbotanist.13.86714>
44. **Tavilla G**, Angiolini C, Bagella S, Bonini F, Cambria S, Caria MC, Esposito A, Fanfarillo E, Ferri V, Fiaschi T, Gianguzzi L, Giusso del Galdo G, Ilardi V, Mei G, Minissale P, Riveccio G, Sciandrello S, Stinca A, Bazan G (2022) New national and regional Annex I Habitat records: from #37 to #44. *Plant Sociology* 59(1): 49-66. <https://doi.org/10.3897/pls2022591/05>
45. Cambria S, Giusso del Galdo G, Minissale P, Sciandrello S, **Tavilla G** (2022) *Lablab purpureus* (Fabaceae), a new alien species for Sicily. *Flora Mediterranea* 32: 73–78. <https://doi.org/10.7320/FIMedit32.073>
46. Galasso G, Domina G, Angiolini C, Azzaro D, Bacchetta G, Banfi E, Barberis D, Barone G, Bartolucci F, Bertoli A, Bolpagni R, Bonari G, Bracchetti L, Calvia G, Campus G, Cancellieri L, Cavallaro V, Conti F, Cuena-Lombrana A, D'Alessandro E, Dal Corso G, Dalla Vecchia A, De Natale A, Del Guacchio E, Di Gregorio G, Di Gristina E, Di Stefano M, Fanfarillo E, Federici A, Federici G, Ferretti G, Festi F, Fiaschi T, Filibeck G, Fois M, Gariboldi L, Gestri G, Gubellini L, Guiggi A, Hofmann N, Laface VLA, Lallai A, Lazzeri V, Lecis AP, Lonati M, Lucchese F, Lupoletti J, Maestri S, Mainetti A, Mantino F, Mascia F, Masin RR, Mei G, Merli M, Messina A, Musarella CM, Nota G, Olivieri N, Paura B, Pellegrini R, Pica A, Pittarello M, Podda L, Praleskouskaya S, Prosser F, Ratini G, Ravetto Enri S, Roma-Marzio F, Salerno G, Selvaggi A, Soldano A, Spampinato G, Stinca A, Tardella FM, **Tavilla G**, Tomaselli V, Tomasi G, Tosetto L, Venanzoni R, Lastrucci L (2022) Notulae to the Italian alien vascular flora: 13. *Italian Botanist* 13: 27–44. <https://doi.org/10.3897/italianbotanist.13.85863>
47. Brullo S, Brullo C, **Tavilla G**, Cambria S, Minissale P, Sciandrello S, Giusso del Galdo G, Siracusa G, Del Guacchio E (2022) About the occurrence of *Elatine macropoda* and *E. gussonei* (Elatinaceae) in Sicily and lectotypification of their names. *Acta Botanica Croatica* 81 (2), 129–139. <https://doi.org/10.37427/botcro-2022-010>.

48. Cambria S, Crisafulli A, Giusso del Galdo G, Picone RM, Soldano A, Sciandrello S, **Tavilla G*** (2022) First record of *Sida rhombifolia* L. (Malvaceae) for Italian flora: taxonomical and ecological investigation. *Acta Botanica Croatica* 81 (2), 159-167. <https://doi.org/10.37427/botcro-2022-013>
49. Brullo S, Brullo C, Sciandrello S, **Tavilla G**, Cambria S, Tomaselli V, Ilardi V, Giusso del Galdo G, Minissale P (2022) The plant communities of the class *Isoëto-Nanojuncetea* in Sicily. *Plants* 11, 1214. <https://doi.org/10.3390/plants11091214>
50. **Tavilla G***, Crisafulli A, Ranno V, Picone RM, Redouan FZ, Giusso del Galdo G (2022) First contribution to the ethnobotanical knowledge in the Peloritani Mounts (NE Sicily). *Research Journal of Ecology and Environmental Sciences*, 2(3), 1–34. <https://doi.org/10.31586/rjees.2022.201>
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National and International conferences abstract

1. **Tavilla G***, Camilleri L, Lanfranco S (2025) Temporal changes in plant diversity on the maltese rocky cliffs. XVII International Seminar Management and Biodiversity Conservation, 2-6 June 2025, Loulé (Portugal), pp. 90-91. (**oral communication**)
2. **Tavilla G***, Adamo M, Camilleri L, Lanfranco S (2024) Investigations on the *Cheirolophus crassifolius* (Asteraceae) phytocoenoses in Malta. XVI International Seminar on Biodiversity Management and Conservation, 19-21 June, Evora (Portugal). (**oral communication**)
3. **Tavilla G***, Camilleri L, Adamo M, Lanfranco S (2024) Phytosociological re-consideration of the *Cheirolophus crassifolius* (Asteraceae, Cardueae) Phytocoenoses in Malta. 57 International Congress of the Italian Society of Vegetation Science, Mestre (Italy), 6-8 June 2024, p. 32. (**oral communication**)
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5. Fanfarillo E, Angiolini C, Bacaro G, Bacchetta G, Bagella S, Barni E, Bonari G, ..., **Tavilla G**, Tiloca MT, Tomaselli V, Vagge I, Viciani D, Zangari G, Maccherini S (2024) Uniqueness matters: patterns of α and β -diversity highlight conservation priorities for plant communities in Italian agricultural landscapes. Forum Nazionale della Biodiversità 2024, 20-21 maggio 2024, Palermo.
6. **Tavilla G***, Lanfranco S, Stevens DT, Henwood J, Lamoliere A, Ranno V, Gabarretta J, Attard V, Adamo M, Tomaselli V (2023) Salt marsh habitat analysis of the il-Ballut ta' Marsaxlokk Special Area of Conservation (Malta). Pp. 5-6. In: Giusso del Galdo G., Sciandrello S., Cristaudo A., Minissale P., Puglisi M., Ranno V., Tavilla G. (Eds.) 2023. XV International Seminar Biodiversity Management and Conservation - “Plant ecology and conservation in the Mediterranean area”. Book of abstracts. Linguaglossa (Etna, Italy) 2023, June 6-10. (**Oral Communication**)
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17. Sciandrello S, Cambria S, Minissale P, Puglisi M, Ranno V, **Tavilla G**, Giusso del Galdo G (2022) The orophilous vegetation of the *Juniperetalia hemisphaericae* order in Sicily. XIV International Seminar Biodiversity Management and Conservation, Serra San Bruno, Vibo Valentia (Italy) / June 6-11.
18. **Tavilla G***, Brullo S, Tomaselli V, Škvorc Ž, Güler B, Minissale P, Giusso del Galdo G, Sciandrello S* (2022) Overview of the *Salicornietea fruticosae* class in the central Mediterranean area. 64th Annual Symposium of International Association for Vegetation Science on June 27th – July 1st, 2022, Madrid, p. 146. (**Oral Communication***).
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21. Lamoliere A, Lanfranco S, **Tavilla G**, Grima IJ, Mifsud D (2022) Application of spectral signature of selected Invasive Alien Plants (IAPs) of Malta and Sicily for ecological monitoring. 12th International Conference on Biological Invasions, Biological Invasion in a Changing World. Tartu (Estonia) – September 12-16, p. 105.
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25. Musumeci RE, Marino M, Cavallaro L, Foti E, Grasso R, Spena MT, Sciandrello S, **Tavilla G**, Di Stefano A, Borzi Laura (2022) Il restauro ambientale costiero come strategia di adattamento ai cambiamenti climatici: il progetto REST-

COAST. IDRA2022, XXXVIII Convegno Nazionale di Idraulica e Costruzioni Idrauliche.

26. Cambria S, **Tavilla G**, Sciandrello S, Giusso del Galdo G, Minissale P, Puglisi M, Siracusa G, Crisafulli A, Brullo S (2021) Taxonomic and ecological remarks on *Cardamine dubia* (Brassicaceae), an overlooked endemic species of Italian flora. 1st International Conference on Botany and Mycology, 25-26 October, Sofia, Bulgaria.
27. Sciandrello S, Cambria S, Crisafulli A, Giusso del Galdo G, Minissale P, Musarella CM, Puglisi M, **Tavilla G**, Tomaselli V, Spampinato G (2021) A new habitat of the shady wet cliffs (*Adiantum capilli-veneris*) of the Mediterranean region. 54th SISV Congress, 28-29 September, p. 54.
28. **Tavilla G***, Cristaudo A, Giusso del Galdo G, Ranno V, Minissale P, Sciandrello S. (2021) *Anthemis messanensis* (Asteraceae) a neglected endemic species: new data on distribution, ecology, and conservation status. 116 Congresso della Società Botanica Italiana (VII International Plant Science Conference). 8-10 September. (**Oral Communication***).
29. **Tavilla G***, Cambria S. (2021) Conservation of endemic and rare vascular flora in the areas around Messina: current status and protection proposals. Riunioni scientifiche Società Botanica Italiana onlus, 1° first Conference of Young Botanist, 6-7 February 2020, Genova. Notiziario della Società Botanica Italiana, 5(2): 164. (**Oral Communication***)
30. **Tavilla G***, Sciandrello S. (2020) Update inventory of the vascular flora native of the Peloritani Mountains (NE Sicily). 115 Congresso della Società Botanica Italiana. 9-11 September. (**Oral Communication***).

Language competence

Mother tongue

ITALIAN

OTHER LANGUAGE

ENGLISH

- Reading
- Writing
- Speaking

B2 (Good)
B2 (Good)
B2 (Good)

Technical skills and competences

I have good knowledge of Microsoft Office (Word, Power Point, Excel and Access) and Adobe Photoshop.

Good knowledge of QGIS software and related plugins for the supervised classification of images acquired via remote sensing techniques.

Good knowledge of Web ODM Drone, software for creating and managing spatial data, as well as processing maps with orthophotos obtained by drones.

Intermediate knowledge: R software, especially to carry out multivariate analysis of vegetation.

Basic knowledge of JUICE, software package for editing and analyses of phytosociological data

Basic knowledge of PAST 4, software for scientific data analysis, with functions for data manipulation, plotting, univariate and multivariate statistics, ecological analysis, and morphometrics.

I have completed several courses on DataCamp, including "Introduction to R," "Introduction to Data Visualization with ggplot2," "Introduction to the Tidyverse," "Generalized Linear Models in R," "Introduction to Statistics in R," "Data Manipulation with dplyr," "Introduction to Regression in R," and "Nonlinear Modeling with Generalized Additive Models (GAMs) in R," and "Hierarchical and Mixed Effects Models in R".

Courses and Certificates

Dates	15 July-9 August 2024 (80 hours)
Institution	Malta University Language School
Title of qualification awarded	Certificate of Attendance for the Intensive English B1 Level Course, validated by the University of Malta
Dates	21 April-19 March 2023 (15 hours)
Institution	International Association for Vegetation Science (IAVS)
Title of qualification awarded	Certificate of participation at the online workshop: "From the Field to the Desk: All what you need to know about floristic data before doing statistics"
Dates	25-29 September 2023
Institution	Italian Botanical Society
Title of qualification awarded	Basic course in Statistics and Multivariate Analysis (10 hours)
Dates	2-5-6 December 2022
Institution	University of Modena and Reggio Emilia
Title of qualification awarded	Certificate of participation at the workshop "V° Corso Microscopia elettronica confocale in ambito botanico".
Date	17 January 2022
Institution	Società Botanica Italiana (Italian Botanical Society)
Title of qualification awarded	Certificate of participation at the online workshop "Introduzione all'analisi dei dati vegetazionali con R", 20 hours total.
Date	20 June 2021
Institution	ENAC (Italian Civil Aviation Authority)
Title of qualification awarded	Certificate Drone Pilot, category Open A1/A3.

Additional information

Membership of Scientific society	Member of the Società Botanica Italiana (Italian Botanical Society) - since 2020. Member of the Società Italiana Scienza della Vegetazione (Italian Society of Vegetation Science) - since 2022. Member of the International Association for Vegetation Science (IAVS) - since 2022. Member of the International Association for Plant Taxonomy (IAPT) – since 2024
Responsibility for Congress and Meeting Organization	Member of the Scientific Secretariat of the XV International Seminar Biodiversity Management and Conservation - "Plant ecology and conservation in the Mediterranean area" (Linguaglossa 2023, Italy)
Driving licence	For cars (cat. B – Italy)

I authorize the processing of personal data contained in my curriculum vitae, including sensitive data, pursuant to art. 13 of Legislative Decree 196/2003 and art. 13 of the GDPR 679/16, for the purposes referred to in this notice

Bolzano, 23/06/2025

Dr. Gianmarco Tavilla