

CURRICULUM VITAE

PERSONAL INFORMATION

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| Name | GIANMARCO TAVILLA |
| E-mail | gtavilla@outlook.com; gianmarco.tavilla@gmail.com |
| Nationality | Italian |

DESIRED EMPLOYMENT / OCCUPATION FIELD

Researcher / Biology - Botany

WORK EXPERIENCE

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| • Dates | 16 February 2024 – 15 February 2025 |
| • Name of the employer | National Research Council of Italy (CNR), Institute of Atmospheric Pollution Science sect. Earth observation |
| • Occupation or position held | Research fellow |
| • Main activities and responsibilities | Use of remote sensing techniques to study coastal vegetation and habitats |
| • Dates | 16 April 2019 – 31 December 2019 |
| • Name of the employer | Botanical Garden "Pietro Castelli" – University of Messina |
| • Occupation or position held | Science communicator |
| • Main activities and responsibilities | Teaching activities about botany for primary, middle and high school students. |

PROFESSIONAL QUALIFICATION

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| Scientific Qualification | Italian National Scientific Qualification as Associate Professor (Call D.D. 1796/2023) in the sector 05/A1 Botany (10/03/2025 - 10/03/2037) |
| State Exam for biologist | Achievement of the professional licence of Biologist section A, 01 December 2020 (II session 2020, regulation 2020/2021), University of Catania |
| Registering at the O.N.B. | From 30 November 2022 until 24 April 2024, registering at the O.N.B (Italian National Order of Biologists) register, section A; id number AA_094234 |

TEACHING ACTIVITY

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| Dates | June 2023 |
| Supervision of graduate students | Co-supervisor of a thesis for the master's degree in Environmental Biology carried out in the academic year 2022-2023 at the University of Catania entitled: "The bryophytic flora of the Peloritan mountains". |
| Dates | November 2022 |
| Supervision of graduate students | Co-supervisor of a thesis for the master's degree in Environmental Biology carried out in the academic year 2021-2022 at the University of Catania entitled: "Floristic and Vegetation analysis of the SCI ITA070014 "M.Te Baracca - C.da Giarrita". |
| Dates | October 2022 |
| Supervision of graduate students | Co-supervisor of a thesis for the master's degree in Environmental Biology carried out in the academic year 2021-2022 at the University of Catania entitled: "Assessment and management of invasive alien plant species that threaten natural habitats in south-eastern Sicily: the FAST project (Fight Alien Species Transborder)". |
| • Dates | May 2023 – June 2023 (20 hours total) |
| • Name of the employer | University of Catania |

- Occupation or 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.
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- Dates May 2022 – June 2022 (20 hours total)
 - Name of the employer University of Catania
 - Occupation or 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.
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- Dates March 2021 – June 2021 (40 hours total)
 - Name of the employer University of Catania
 - Occupation or position held 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.

TEACHING ASSISTANT EXPERIENCE

- Dates May 2023 (20 hours total)
 - Name of the employer University of Catania
 - Occupation or position held Senior teaching assistant
 - Main activities and responsibilities Botany course supervisor of the Bachelor’s Degree in Biology.
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- Dates June 2022 – July 2022 (20 hours total)
 - Name of the employer University of Catania
 - Occupation or position held Junior teaching assistant
 - Main activities and responsibilities Botany course supervisor of the Bachelor’s Degree in Biology.
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- Dates March 2021 – June 2021 (23 hours total)
 - Name of the employer University of Catania
 - Occupation or position held Junior teaching assistant
 - Main activities and responsibilities Botany course supervisor (class M-Z) of the Bachelor’s Degree in Biology.
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- Dates March 2021– May 2021 (23 hours total)
 - Name of the employer University of Catania
 - Occupation or position held Junior teaching assistant
 - Main activities and responsibilities Botany course supervisor (class A-L) of the Bachelor’s Degree in Biology.
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- Dates April 2020 – June 2020 (16 hours total)
 - Name of the employer University of Catania
 - Occupation or position held Junior teaching assistant
 - Main activities and responsibilities Botany course supervisor (class M-Z) of the Bachelor’s Degree in Biology.

EDUCATION AND TRAINING

- Dates 30 October 2020 – 30 January 2024
- PhD thesis defense and final exam 1 March 2024
- Name and type of organization providing education and training University of Catania, Italy
- Principal subjects/occupational skills covered Botany, Ecology, Taxonomy, Conservation, GIS software
- Title of qualification awarded PhD in Earth and Environmental Sciences, curriculum Environmental Biology and Biotechnology
- Additional qualification Doctor Europaeus
- Thesis title Syntaxonomical review on the halophilous plant communities of the *Salicornietea fruticosae* class in Euro-Mediterranean territories

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| • Dates | 15 July 2020 |
| • Name and type of organization providing education and training | University of Catania |
| • Principal subjects/occupational skills covered | Botany, Zoology, Ecology |
| • Title of qualification awarded | Master's Degree in Environmental Biology |
| • Thesis title | Analysis of the native vascular flora of the Peloritani Mountains (NE Sicily) |
| • Vote | 110 <i>cum laude</i> |

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| • Dates | 16 July 2018 |
| • Name and type of organization providing education and training | University of Messina |
| • Principal subjects/occupational skills covered | Botany, Zoology, Geology, Ecology |
| • Title of qualification awarded | Bachelor's Degree in Environmental and Natural Sciences. |
| • Thesis title | Ethnobotanical research in the Tipoldo territory (Messina) |
| • Vote | 104/110 |

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **ITALIAN**

OTHER LANGUAGE

ENGLISH

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| • Reading | Good |
| • Writing | Good |
| • Speaking | 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

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| • Dates | 15 July-9 August 2024 (80 hours) |
| • Name and type of organization providing education and training | Malta University Language School |
| • Title of qualification awarded | Certificate of Attendance for the Intensive English B1 Level Course, validated by the University of Malta |

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| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>21 April-19 March 2023 (15 hours)</p> <p>International Association for Vegetation Science (IAVS)</p> <p>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”</p> |
| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>25-29 September 2023</p> <p>Italian Botanical Society</p> <p>Basic course in Statistics and Multivariate Analysis (10 hours)</p> |
| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>2-5-6 December 2022</p> <p>University of Modena and Reggio Emilia</p> <p>Certificate of participation at the workshop “V° Corso Microscopia elettronica confocale in ambito botanico”. (Eng. title: V° Confocal electron microscopy course in botany).</p> |
| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>17 January 2022</p> <p>Società Botanica Italiana (Italian Botanical Society)</p> <p>Certificate of participation at the online workshop “Introduzione all’analisi dei dati vegetazionali con R”, 20 hours total. (Eng. title: Introduction to the analysis of vegetation data with R).</p> |
| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>20 June 2021</p> <p>ENAC (Italian Civil Aviation Authority)</p> <p>Certificate Drone Pilot, category Open A1/A3.</p> |
| <ul style="list-style-type: none"> • Dates • Name and type of organization providing education and training • Title of qualification awarded | <p>4 September 2014</p> <p>AICA – Associazione Italiana per l’Informatica ed il Calcolo Automatico</p> <p>European Computer Driving Licence (ECDL).</p> |
| IMPACT OF OWN RESEARCH | <p>64 papers in peer-reviewed scientific journals and 29 abstracts presented at national and international conferences.</p> <p>From Scopus (Elsevier): Documents: 52; Total citations: 275; H-index: 11 (updated to 27 April 2025)</p> |
| COLLABORATION IN RESEARCH PROJECT AND GROUPS | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 *Discover Conservation* (E-ISSN: 3004-9784)
- Editorial Board Member of *BMC Plant Biology* (ISSN: 1471-2229)
- Early Career Editorial Board Member of *Phyton-International Journal of Experimental Botany* (ISSN:1851-5657)
- Subject Editor of *PhytoKeys* (ISSN 1314-2003)
- Subject Editor of *Nature Conservation* (ISSN 1314-6947)
- Subject Editor of *Biodiversity Data Journal* (ISSN 1314-2836)
- Subject Editor of *Natural History Collections and Museomics* (ISSN 3033-0955)
- Subject Editor of *Vegetos* (ISSN 0970-4078)
- Guest Editor of *Vegetation Ecology and Diversity*, permanent Topical Collection: Advances in vegetation analysis through remote sensing technology
- Guest Editor, Invited, *Land*, Special Issue: Vegetation Spatial Dynamics and Plant Diversity Trends of Natural and Urban Landscapes
- Guest Editor, *Plants*, Special Issue: Exploring Plant Biodiversity: Interdisciplinary Perspectives and Research Frontiers
- Topic Coordinator, Invited, *Frontiers in Conservation Science*, Research Topic on Challenges for the Conservation of Flora and Vegetation in the Mediterranean-Climate Region (until 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 Ecology Evolution and Systematics*, *Italian Botanist*, *Phytotaxa*, *Research Journal of Ecology and Environmental Sciences*

SCIENTIFIC PUBLICATIONS (* CORRESPONDING AUTHOR)

1. **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>
2. **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>
3. **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>
4. 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.
5. 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>
6. 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>
7. **Tavilla G*** & Lanfranco S (2024) Neotypification of the name *Centaurea crassifolia* Bertol. (Asteraceae). *Adansonia* 46 (15): 157-160. <https://doi.org/10.5252/adansonia2024v46a15>
8. 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 Sicily, Italy). *Italian Botanist* 18: 13-28.

9. 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>
10. Riveccio 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>
11. Lozano V, Marzaletti 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>
12. **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>
13. **Tavilla G***, Dellaa Y (2024) Lectotypification of the Name *Artemisia kabylica* Chabert (Asteraceae). Novon 32: 84-86. <https://doi.org/10.3417/2024895>
14. 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>
15. Riveccio 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, Paziienza 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>
16. 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>
17. 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>
18. 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>
19. 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, Paziienza 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>
20. **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>
21. **Tavilla G***, Brullo S, Minissale P, Cambria S, Sennikov AN (2023) Lectotypification of

22. **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>
23. **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>
24. Morabito A, Allegrezza 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, Riveccio 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>
25. 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>
26. 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, Tosoletto 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>
27. 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.
28. 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>
29. 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. Phytotaxa 584(2): 59-88. <https://doi.org/10.11646/phytotaxa.584.2.1>
30. 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>
31. 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 12(1):164. <https://doi.org/10.3390/plants12010164>
32. 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>
33. 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, Martino 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.

34. Brullo S, Brullo C, **Tavilla G**, Siracusa G, Cambria S (2022) *Solenopsis bacchettiae* (Campanulaceae, Lobelioideae), a new species from Sardinia. Nordic Journal of Botany: e03773. <https://doi.org/10.1111/njb.03773>
35. 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>
36. 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.
37. 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>
38. **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, Riviaccio 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>
39. 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>
40. Galasso G, Domina G, Angiolini C, Azzaro D, Bacchetta G, Banfi E, Barberis D, Barone G, Bartolucci F, Bertolli A, Bolpagni R, Bonari G, Bracchetti L, Calvia G, Campus G, Cancellieri L, Cavallaro V, Conti F, Cuenca-Lombraña 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>
41. 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>
42. 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>
43. 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>
44. **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>
45. Del Guacchio E, **Tavilla G**, Giusso del Galdo G, Brullo S, Stirton C. (2022) (2884) Proposal to conserve the name *Bituminaria* (Fabaceae) with a conserved type. Taxon 71(2): 477-478. <https://doi.org/10.1002/tax.12703>
46. **Tavilla G***, Cambria S, Brullo S, Azzaro D, Giusso del Galdo G. (2022) Typification of the

name *Myosotis congesta* (Boraginaceae). Phytotaxa 538(2): 172-174.
<https://doi.org/10.11646/phytotaxa.538.2.10>

47. Lazzaro L, Acosta ATR, Angiolini C, Azzaro D, Bacchetta G, Bagella S, Barni E, Bazan G, Boi ME, Bonari G, Cambria S, Carranza ML, Caruso G, Cascone S, Celesti-Grapow L, Coppi A, de Francesco MC, Domina G, Fanfarillo E, Fiaschi T, Gabellini A, Gianguzzi LA, Giusso del Galdo GP, Guarino R, Kindermann E, Laface VLA, Lonati M, Lozano V, Marzalletti F, Mei G, Minissale P, Montagnani C, Montepaone G, Mugnai M, Musarella CM, Perrino EV, Pittarello M, Podda L, Riviaccio G, Rota F, Sciandrello S, Spampinato G, Stanisci A, Stinca A, **Tavilla G**, Tomasi D, Tozzi FP, Turco A, Viciani D, Wagensommer RP, Wellstein C, Wilhelm T, Zerbe S, Brundu G (2022) Gli impatti di *Acacia* s.l. e di *Robinia pseudoacacia* (Fabaceae) in Italia: risultati preliminari dal progetto collettivo del Gruppo di Lavoro Specie Alloctone. Notiziario della Società Botanica Italiana 6(1): 13-14.
48. Loreti M, Salerno P, Roma-Marzio F, Russo G, Pedrotti F, Meneguzzo E, Ardenghi NMG, Galasso G, Sciandrello S, **Tavilla G**, Ranno V (2021) Nuove segnalazioni floristiche italiane Flora vascolare (82-100). Notiziario della Società Botanica Italiana, 5(2): 251-255.
49. Cambria S, Brullo C, **Tavilla G**, Sciandrello S, Minissale P, Giusso del Galdo G, Brullo S. (2021) *Ferula sommieriana* (Apiaceae), a new species from Pelagie Islands (Sicily). Phytotaxa 525(2): 89-108. <https://doi.org/10.11646/phytotaxa.525.2.1>
50. Sciandrello S, Cambria S, Giusso del Galdo G, **Tavilla G**, Minissale P (2021) Unexpected discovery of *Thelypteris palustris* (Thelypteridaceae) in Sicily (Italy): morphological, ecological analysis and habitat characterization. Plants 10(11), 2448; <https://doi.org/10.3390/plants10112448>
51. Brullo S, Minissale P, Brullo C, **Tavilla G***, Sciandrello S (2021) Considerazioni nomenclaturali e morfologiche su *Cardamine occulta* (Brassicaceae) e sua presenza in Sicilia. Riunioni scientifiche dei Gruppi di Lavoro e delle Sezioni Regionali della Società Botanica Italiana onlus, 12 novembre 2021, online. Notiziario della Società Botanica Italiana, 5(2): 213-214.
52. Sciandrello S, **Tavilla G**, Minissale P (2021) *Leopoldia gussonei* Parl. specie endemica delle dune della Sicilia meridionale: risultati delle azioni di conservazione dopo il progetto LIFE-Leopoldia. Riunioni scientifiche annuale della sezione Siciliana della Società Botanica Italiana onlus, 4 giugno 2021, online. Notiziario della Società Botanica Italiana, 5(2): 193-195.
53. Brullo S, Brullo C, Cambria S, **Tavilla G**, Pasta S, Scuderi L, Zimmiti A (2021) A new subspecies of *Epipactis microphylla* (Orchidaceae; Epidendroideae) from Pantelleria Island (Sicily). Phytotaxa 512(2): 83-96. <https://doi.org/10.11646/phytotaxa.512.2.1>
54. Orsenigo S, Abeli T, Al-Rammahi HM, Azzaro D, Cambria S, D'Agostino M, Mohammad MK, **Tavilla G**, Fenu G (2021) Global and Regional IUCN Red List Assessments: 11. Italian Botanist 11: 131–143. <https://doi.org/10.3897/italianbotanist.11.68678>
55. Galasso G, Domina G, Andreatta S, Argenti E, Bacchetta G, Bagella S, Banfi E, Barberis D, Bardi S, Barone G, Bartolucci F, Bertolli A, Biscotti N, Bonali F, Bonini F, Bonsanto D, Brundu G, Buono S, Caldarella O, Calvia G, Cambria S, Campus G, Caria MC, Conti F, Coppi A, Dagnino D, Del Guacchio E, Di Gristina E, Farris E, Ferretti G, Festi F, Fois M, Furlani F, Gigante D, Guarino R, Gubellini L, Hofmann N, Iamónico D, Jiménez-Mejías P, La Rosa A, Laface VLA, Lallai A, Lazzaro L, Lonati M, Lozano V, Luchino F, Lupoletti J, Magrini S, Mainetti A, Marchetti D, Marenzi P, Marignani M, Martignoni M, Mei G, Menini F, Merli M, Mugnai M, Musarella CM, Nicoletta G, Noor Hussain A, Olivieri N, Orlandini S, Peccenini S, Peruzzi L, Pica A, Pilon N, Pinzani L, Pittarello M, Podda L, Probo M, Prosser F, Raffaelli C, Ravetto Enri S, Riviaccio G, Rosati L, Sarmati S, Scafidi F, Selvi F, Sennikov AN, Sotgiu Cocco G, Spampinato G, Stinca A, **Tavilla G**, Tomaselli V, Tomasi D, Tomasi G, Trenchi M, Turcato C, Verloove F, Viciani D, Villa M, Wagensommer RP, Lastrucci L (2021) Notulae to the Italian alien vascular flora: 11. Italian Botanist 11: 93–119. <https://doi.org/10.3897/italianbotanist.11.68063>

56. Sciandrello S, Cambria S, Giusso del Galdo G, Guarino R, Minissale P, Pasta S, **Tavilla G**, Cristaudo A (2021) Floristic and Vegetation Changes on a Small Mediterranean Island over the Last Century. *Plants* 10, 680. <https://doi.org/10.3390/plants10040680>
57. Brullo S, Brullo C, Cambria S, **Tavilla G**, Giusso del Galdo G, Bogdanović S. (2021). Taxonomical and chorological remarks on *Poa maroccana* (Poaceae) a Mediterranean species, new record from Sicilian flora (Italy). *Acta Botanica Croatica* 80(1): 63-73. <https://doi.org/10.37427/botcro-2021-011>
58. Brullo S, Cambria S, Crisafulli A, **Tavilla G**, Sciandrello S (2021) Taxonomic remarks on the *Centaurea aeolica* (Asteraceae) species complex. *Phytotaxa* 483(1): 09-24. <https://doi.org/10.11646/phytotaxa.483.1.2>
59. Galasso G, Domina G, Azzaro D, Bagella S, Barone G, Bartolucci F, Bianco M, Bolzani P, Bonari G, Boscutti F, Buono S, Cibeì C, Conti F, Di Gristina E, Fanfarillo E, Franzoni J, Giacanelli V, Gubellini L, Hofmann N, Laface VLA, Latini M, Liccari F, Lonati M, Longo D, Lunesu L, Lupoletti J, Magrini S, Mei G, Mereu G, Miconi F, Musarella CM, Nicoletta G, Olivieri N, Peruzzi L, Pica A, Pinzani L, Pittarello M, Prosser F, Ranno V, Ravetto Enri S, Rivieccio G, Roma-Marzio F, Scafidi F, Spampinato G, Stinca A, **Tavilla G**, Tiburtini M, Villa M, Wellstein C, Zerbe S, Nepi C (2020) Notulae to the Italian alien vascular flora: 10. *Italian Botanist* 10: 57–71. <https://doi.org/10.3897/italianbotanist.10.60736>
60. Galasso G, Domina G, Adorni M, Angiolini C, Apruzzese M, Ardenghi NMG, Assini S, Aversa M, Bacchetta G, Banfi E, Barberis G, Bartolucci F, Bernardo L, Bertolli A, Bonali F, Bonari G, Bonini I, Bracco F, Brundu G, Buccomino G, Buono S, Calvia G, Cambria S, Castagnini P, Ceschin S, Dagnino D, Di Gristina E, Di Turi A, Fascetti S, Ferretti G, Fois M, Gentili R, Gheza G, Gubellini L, Hofmann N, Iamónico D, Ilari A, Király A, Király G, Laface VLA, Lallai A, Lazzaro L, Lonati M, Longo D, Lozano V, Lupoletti J, Magrini S, Mainetti A, Manca M, Marchetti D, Mariani F, Mariotti MG, Masin RR, Mei G, Menini F, Merli M, Milani A, Minuto L, Mugnai M, Musarella CM, Olivieri N, Onnis L, Passalacqua NG, Peccenini S, Peruzzi L, Pica A, Pinzani L, Pittarello M, Podda L, Prosser F, Ravetto Enri S, Roma- Marzio F, Rosati L, Sarigu M, Scafidi F, Sciandrello S, Selvaggi A, Spampinato G, Stinca A, **Tavilla G**, Toffolo C, Tomasi G, Turcato C, Villano C, Nepi C (2020) Notulae to the Italian alien vascular flora: 9. *Italian Botanist* 9: 47–70. <https://doi.org/10.3897/italianbotanist.9.53401>
61. Orsenigo S, Bernardo L, Cambria S, Gargano D, Laface VLA, Musarella CM, Passalacqua NG, Spampinato G, **Tavilla G**, Fenu G (2020) Global and Regional IUCN Red List Assessments: 9. *Italian Botanist* 9: 111–123. <https://doi.org/10.3897/italianbotanist.9.55223>
62. Brullo S, Cambria S, Minissale P, **Tavilla G*** (2020) Considerazioni fitogeografiche su tre specie rare e poco conosciute della flora dell'isola di Pantelleria (Sicilia). Riunioni scientifiche dei Gruppi di Lavoro e delle Sezioni Regionali della Società Botanica Italiana onlus, 20-21 Novembre 2020, Roma. *Notiziario della Società Botanica Italiana*, 4(2): 143-144.
63. Cambria S, **Tavilla G** (2020) Check-list of the vascular flora of the “Bosco di Gibilmanna” a Special Area of Conservation (S.A.C.) in northern Sicily (Italy). *Biodiversity Journal*, 11 (2): 369-382. <http://dx.doi.org/10.31396/Biodiv.Jour.2020.11.2.369.382>
64. **Tavilla G**, Sciandrello S (2019) Considerazioni tassonomiche e fitogeografiche su *Anthemis messanensis* (Asteraceae) raro endemismo dei Monti Peloritani (NE Sicilia). Riunioni scientifiche dei Gruppi di Lavoro e delle Sezioni Regionali della Società Botanica Italiana onlus, 25-26 ottobre 2019, Roma. *Notiziario della Società Botanica Italiana*, 3(2): 231-232.

NATIONAL AND INTERNATIONAL CONFERENCES ABSTRACT

1. **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**)
2. **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**)

3. Fanfarillo E, Maccherini, Bacaro G, Bacchetta G, Bagella S, ..., **Tavilla G**, Tiloca MT, Tomaselli V, Vagge I, Viciani D, Zangari G, Angiolini C (2024) Patterns of α and β -diversity highlight uniqueness-based conservation priorities for plant communities in Italian agricultural landscapes. 57 International Congress of the Italian Society of Vegetation Science, Mestre (Italy), 6-8 June 2024, p. 46.
4. 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.
5. **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)**
6. Lamoliere A, Mifsud M, Abela J, **Tavilla G**, Roy RG, Lanfranco S, Mifsud D (2023) Automated Detection and Classification of Invasive *Cardiospermum grandiflorum* using Multispectral Orthophotos and Deep Learning Models in Wied Babu, Malta. Pp. 89-90. 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.
7. Genduso E, Sciandrello S, **Tavilla G**, Minissale P, Bacchetta G, Spampinato G, Musarella CM, Laface VLA, Costanzo E, Tomaselli V (2023) A phytosociological overview on the *Poterium spinosum* communities in Italy. Pp. 53-54. 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.
8. Ranno V, Sciandrello S, Minissale P, Meireles C, Pinto Gomes C, **Tavilla G**, Giusso del Galdo G (2023) *Fagus sylvatica* woodlands on Mt. Etna: diachronic analysis and conservation. Pp. 41-42. 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.
9. **Tavilla G***, Tomaselli V, Lamoliere A, Gabarretta J, Attard V, Adamo M, Henwood J, Busuttil A, Stevens D.T. (2023) Monitoring and evaluation of Malta's coastal wetlands in a global change context: a case study using a multimethod approach. 31st Conference of the European Vegetation Survey, May 21 – 25, 2023, Rome (Italy), pp.140-141 **(poster)**
10. Ranno V, **Tavilla G**, Minissale P, Giusso del Galdo G (2023) Vegetation mapping of Mt. Etna (Sicily). 31st Conference of the European Vegetation Survey, May 21 – 25, 2023, Rome (Italy), pp. 142-143.
11. Borzi L, Barbagallo V, Natale D'Andrea, Distefano Salvatore, Marino M, Urso S, **Tavilla G**, Sciandrello S, Grasso R, Spena MT, Cavallaro L, Di Stefano A, Foti E, Musumeci R (2023) Environmental changes and erosion risk on coastal settings: the case study of South-eastern Sicily (Italy). XXI INQUA Congress, 13-20 July 2023, Rome.
12. Musumeci RE, Marino M, Cavallaro L, Foti E, Grasso R, Spena MT, Sciandrello S, **Tavilla G**, Di Stefano A, Borzi L (2022) Nature restoration as climate change mitigation strategy at the coastal wetlands of the South-East of Sicily (Italy). ECSA 59. Using the best scientific knowledge for the sustainable management of estuaries and coastal seas. Kursaal, San Sebastian, Spain, 5-8 September 2022.

13. **Tavilla G***, Crisafulli A, Lamoliere A, Ranno V, Bacilliere G, Cambria S, Minissale P, Giusso del Galdo G, Sciandrello S (2022) Use of drones for environmental monitoring and rare plants conservation status: a new tool for botanical research. 117 Congresso della Società Botanica Italiana (VIII International Plant Science Conference). 7-10 September, Bologna. (**Poster***).
14. Minissale P, Cambria S, Cilea F, Giusso del Galdo G, **Tavilla G**, Spampinato G, Sciandrello S (2022) Plant conservation and restoration in the coastal wetlands of Sicily: the case studies of the Natura 2000 sites "Saline di Priolo" and "Pantano Ponterio". 117 Congresso della Società Botanica Italiana (VIII International Plant Science Conference). 7-10 September, Bologna.
15. **Tavilla G***, Sciandrello S, Cambria S, Bacilliere G, Biondolillo S, Giusso del Galdo G, Minissale P (2022) Invasive alien plants and management measures: a case study in Sicily. XIV International Seminar Biodiversity Management and Conservation, Serra San Bruno, Vibo Valentia (Italy) / June 6-11, p. 71-72. (**Oral Communication***).
16. 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.
17. **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***).
18. Cambria S, Brullo S, Minissale P, Sciandrello S, **Tavilla G**, Giusso del Galdo G (2022) Nomenclatural and syntaxonomical remarks on the *Thero-Salicornietea strictae* class. 64th Annual Symposium of International Association for Vegetation Science on June 27th – July 1st, 2022, Madrid, p. 22.
19. Ranno V, **Tavilla G**, Bacilliere G, Sciandrello S, Giusso del Galdo G (2022) *Betula etnensis* woodlands of the Mt. Eta (Sicily): diachronic analysis and monitoring. 64th Annual Symposium of International Association for Vegetation Science on June 27th – July 1st, Madrid, pp. 221.
20. 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.
21. Mifsud S, Lanfranco S, Lamoliere A, Mifsud D, Sciandrello S, Biondolillo S, Cambria S, **Tavilla G**, Minissale P (2022) A database of alien plants present in Sicily and Malta: a comparison between two close Mediterranean islands with a common management plan. NEOBIOTA 2022, 12th International Conference on Biological Invasions, Biological Invasion in a Changing World. Tartu (Estonia) – September 12-16, p. 93.
22. Brundu G, Acosta ATR, Azzaro D, Bacchetta G, Bagella S, Barni E, Bonari G, Bouvet D, Calvo R, Cambria S, Carranza ML, Celesti-Grapow L, Conti F, Domina G, Galasso G, Gargano ML, Giusso del Galdo G, Guarino R, Lastrucci L, Lazzaro L, Lombardo E, Lonati M, Lozano V, Maccioni A, Magrini S, Marlega ML, Marrese M, Marzalletti F, Montagnani C, Musarella CM, Podda L, Riveccio G, Roma-Marzio F, Siniscalco MC, Spampinato G, Stanisci A, Stinca A, **Tavilla G**, Tozzi F, Venturella G, Villani C, Wagensommer R (2022) A synopsis on *Acacia* s.l. introduction, establishment and spread or failure in Italy. NEOBIOTA 2022, 12th International Conference on Biological Invasions, Biological Invasion in a Changing World. Tartu (Estonia) – September 12-16, p. 94.
23. Lazzaro L, Mei G, Acosta ATR, Angiolini C, Azzaro D, Bacchetta G, Bagella S, Barni E, Bazan G, Boi ME, Bonari G, Cambria S, Carranza ML, Caruso G, Cascone S, Celesti-Grapow L, Coppi A, de Francesco MC, Domina G, Fanfarillo E, Fiaschi T, Gabellini A, Gianguzzi LA, Giusso del Galdo GP, Guarino R, Kindermann E, Laface VLA, Lonati M, Lozano V, Marzalletti F, Minissale P, Montagnani C, Montepaone G, Mugnai M, Musarella CM, Perrino EV, Pittarello M, Podda L, Riveccio G, Rota F, Sciandrello S, Spampinato G, Stanisci A, Stinca A, **Tavilla G**, Tomasi D, Tozzi FP, Turco A, Viciani D, Wagensommer RP, Wellstein C, Wilhalm T, Zerbe S, Brundu G (2022) Impacts of non-native nitrogen-fixing trees

in Italy: evidence from the invasion of *Acacia* s.l. and *Robinia pseudoacacia* (Fabaceae). NEOBIOITA 2022, 12th International Conference on Biological Invasions, Biological Invasion in a Changing World. Tartu (Estonia) – September 12-16, p. 54.

24. 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.
25. 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.
26. 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 (*Adiantetea capilli-veneris*) of the Mediterranean region. 54th SISV Congress, 28-29 September, p. 54.
27. **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***).
28. **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***)
29. **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***).

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)