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# *Curriculum vitae*



**MARIA PANITSA**  
ASSISTANT PROFESSOR

DEPARTMENT OF BIOLOGY  
UNIVERSITY OF PATRAS

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**MARIA PANITSA**

## **Personal profile**

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## **Milestones of (academic) career**

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|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 2016-now    | Assistant professor, Division of Plant Biology, Department of Biology, University of Patras, Greece                                                 |
| 2013- 2016  | Ass. prof., Faculty of Environmental and Natural Resources Management, University of Patras, Greece                                                 |
| 2012 - 2013 | Ass. prof., Faculty of Environmental and Natural Resources Management, University of Western Greece                                                 |
| 2005 – 2011 | Lecturer, Laboratory of Ecology and Biodiversity Conservation, Department of Environmental and Natural Resources Management, University of Ioannina |
| 2000 – 2005 | Lecturer (P.D.407/81), Department of Environmental and Natural Resources Management, University of Ioannina, Greece                                 |

- 1997 – 2000 Post-doctoral researcher, at the Botanical Institute, Department of Biology, University of Patras
- 1989 – 1996 Post-graduate at the Botanical Institute, Department of Biology, Univ.of Patras.

## Research Interests

Diversity and taxonomy of plant species focusing among others on protected areas and species Plant diversity, Vegetation and Habitat types diversity  
Biogeography, structure, dynamics, conservation and management of island ecosystems  
Plant geography, Plant ecology, Conservation and monitoring of plant species and natural habitats. Study of the Greek flora: Aegean and Ionian islands' flora, habitat islands' flora, Estimation and management of the Greek natural environment  
Analysis, description and evaluation of biodiversity at plant species and plant communities Structure, dynamics, conservation and management of Mediterranean ecosystems

## Key research expertise

**1994-2011:** Analysis, description and evaluation of diversity at plant species and community level; insular ecology of Greece; island flora and vegetation databases; island biogeography  
**1994-2001:** Inventory and mapping of flora and habitat types/vegetation types in protected areas for the implementation of the Dir. 92/43/EEC;  
**2001-2020:** Plant diversity, Island biogeography, Monitoring of plant species and habitat types; Plant diversity of Habitat islands; Protected areas; protected plant species; Habitat types; coastal ecosystems.

## Selected research projects

Participation in 28 research projects, among which:

**2018-2021:** Erasmus+ 2018\_KA2 Strategic Partnerships for the Field of Education supporting \_ Citizen Science for Education in Sustainable Development.

**2018-2020: Terra Lemnia:** Lemnos island- a characteristic agro-pastoral mosaic on high biodiversity in the Aegean Sea.

**2018:** Project ESTAT/E/2017/010 for the EUROPEAN COMMISSION – Eurostat DG Environment: **LUCAS grassland 2018.**

**2018-2025:** LIFE IP 4 Natura - Integrated actions for the conservation and management of Natura 2000 sites, species, habitats and ecosystems in Greece

**2015:** B.I.G - Improving governance, management and sustainability of rural and coastal protected areas and contributing to the implementation of the Natura 2000 provisions in IT and GR

**2013-2017:** COBWEB (Citizen OBservatory WEB). Seventh Framework Programme.

**2013-2015:** Monitoring of plant species and habitat types of Greece.

**2010-2013:** BIOdiversity Multi-Source Monitoring System: from Space TO Species (BIO\_SOS). Seventh Framework Programme, Theme [SPA.2010.1.1.-04]

**2006-2008: InfoNat:** Integrated Development of Information System for monitoring and management of Natura 2000 protected areas in Greece and Italy – pilot application in common ecosystems of Greece-Italy. INTERREG IIIA, Greece-Italy.

**2004-2007:** Assessment and Mapping of Biodiversity in the protected area of the Tzoumerka Mountain range (Southern Pindos). PYTHAGORAS II.

**2004-2007:** Actions for the conservation of Mediterranean Temporary Ponds in the island of Crete (Member of the research team). EU project (LIFE-Nature).

**1999-2001:** Habitat types Mapping and Documentation for Natura 2000 sites in Greece.

## **PUBLICATIONS**

### **A. Ph. D. thesis**

**Panitsa, M. (1997):** “Contribution to the study of the flora and vegetation of the East Aegean islands and islets”, Ph.D. thesis, Department of Biology, University of Patras (in Greek, with English summary).

### **B. PUBLICATIONS IN PEER-REVIEWED INTERNATIONAL JOURNALS**

**B1. Panitsa, M.,** Dimopoulos, P., Iatrou, G. & Tzanoudakis, D. (1994): Contribution to the study of the Greek flora: Flora and vegetation of the Enousses (Oinousses) islands (E. Aegean area). *Flora* 189: 367-374.

- B2. Tzanoudakis D. & **Panitsa, M.** (1995): The flora of the Greek islands. *Ecologia Mediterranea* XXI (1/2): 195-212.
- B3. **Panitsa, M.** & D. Tzanoudakis (1998): Contribution to the study of the Greek flora: Flora and vegetation of the islands Agathonisi and Pharmakonisi (East Aegean area, Greece). *Willdenowia* 28: 95-116.
- B4. Georgiadis, Th., Dimitrellos, G., **Panitsa, M.**, Theocharopoulos, M. & S. Chochliouros (2000): Management of the ecosystems of Acheron river's estuaries and gorge (W Greece) aiming at Natura Conservation. *Botanica Chronica* 13: 441-452.
- B5. **Panitsa, M.** & D. Tzanoudakis (2001): Contribution to the study of the Greek flora: Flora and phytogeography of Lipsos and Arki islet groups (East Aegean area, Greece). *Folia Geobotanica* 36: 265-279.
- B6. Brofas, G., Karetsos, G., **Panitsa, M.** & M. Theocharopoulos (2001): The flora and vegetation of Gyali island (SE Aegean, Greece). *Willdenowia* 31(1): 51-70.
- B7. **Panitsa, M.** Snogerup, B., Snogerup, S. & Tzanoudakis, D. (2003): Floristic investigation of Lemnos island (NE Aegean area, Greece). – *Willdenowia* 33 (1): 79-105.
- B8. **Panitsa, M.**, Bazos, I, Dimopoulos, P., Zervou, S., Yannitsaros, A. & D. Tzanoudakis (2004): Contribution to the study of the flora and vegetation of the Kithira island group: Offshore islets of Kithira (S Aegean, Greece). – *Willdenowia* 34 (1): 101-115.
- B9. Tzanoudakis, D., **Panitsa, M.**, Trigas, P., & Iatrou, G (2006): Floristic and phytosociological investigation of the Aegean islands and islets: Antikythera islets' group (SW Aegean area, Greece). – *Willdenowia* 36: 285-301.
- B10. Georgiou, O., **Panitsa, M.** & Tzanoudakis D. (2006): *Anthemis scopulorum* Rech. fil. (*Asteraceae*) – an “islet specialist” endemic of the Aegean area (Greece). – *Willdenowia* 36: 339-349.
- B11. **Panitsa, M.**, Tzanoudakis, D., Triantis, K. & Sfenthourakis, S. (2006): Patterns of species richness on very small islands: the plants of the Aegean archipelago. *Journal of Biogeography* 33(7): 1223-1234.
- B12. Trigas, P., Iatrou, G. & M. Panitsa (2008): Vascular plant species diversity,

- biogeography and vulnerability in the Aegean islands as exemplified by Evvia island (W Aegean, Greece). FEB Vol.17, No1, 1-10.
- B13. **Panitsa, M.**, Tzanoudakis , D.& S. Sfenthourakis (2008): Turnover of plants on small islets of the eastern Aegean Sea within two decades. *Journal of Biogeography* 35, 1049–1061
- B14. **Panitsa, M\***. & D. Tzanoudakis (2010): Floristic diversity on small islands and islets: Leros islets'group (East Aegean area, Greece). *Phytologia Balcanica* 16(2), 271-284.
- B15. Kallimanis, A.S., Bergmeier, E., **Panitsa, M.**, Georghiou, K., Delipetrou, P. & P. Dimopoulos (2009): Biogeographical determinants for total and endemic species diversity in a continental archipelago. *Biodiversity & Conservation* 19(5), 1225-1235.
- B16. **Panitsa, M\***, Trigas, P., Iatrou, G. & S. Sfenthourakis. (2010). Factors affecting plant species richness and endemism on land-bridge islands – an example from the East Aegean archipelago. *Acta Oecologica- International Journal of Ecology* 36, 431-437.
- B17. Kallimanis, A.S., **Panitsa, M.**, Bergmeier, E. & P. Dimopoulos. (2011). Examining the relationship between total species richness and single island palaeo- and neo-endemics. *Acta Oecologica- International Journal of Ecology* 37: 65-70.
- B18. Kladis, G., **Panitsa, M\***, Tsiripidis, I., Sarris, D. & P. Dimopoulos (2011). Vegetation ecology and diversity relationships in a riparian forest remnant of Western Greece. *Journal of Biological Research* 16: 237 – 254.
- B19. **Panitsa, M\***, Koutsias, N., Tsiripidis, I., Zotos, A. and P. Dimopoulos 2011. Species-based versus habitat-based evaluation for conservation status assessment of habitat types in the East Aegean islands (Greece). *Journal for Nature Conservation* 19: 269-275.
- B20. Sfenthourakis, S. and **M. Panitsa** (2012): From plots to islands: species diversity at different scales. *Journal of Biogeography* 39 (4): 750–759.
- B21. Dimopoulos, P., Tsiripidis, I., Bergmeier, E., Fotiadis, G. Theodoropoulos, K., Raus, T., **Panitsa, M.**, Kallimanis, A. S., Sýkora, K. V. and L. Mucina (2012): Towards the Hellenic National Vegetation Database: VegHellas Plant Sociology. 49 (2): 81-87.

- B22. Iamónico, D. and **M. Panitsa** (2013): Lectotypification of the Linnaean name *Bryonia cretica* (Cucurbitaceae). Short communication. Acta Bot. Croat. 72 (1). DOI: 10.2478 / v10184-012-0006-8.
- B23. Tomaselli, V., Dimopoulos, P., Marangi, C., Kallimanis, A.S., Adamo, M., Tarantino, C., **Panitsa, M.**, Terzi, M., Veronica, G., Lovergine, F., Nagendra, H., Lucas, R., Múcher, S., & Blonda, P. (2013): Translating Land cover / Land use Classifications to Habitat Taxonomies for Landscape Monitoring: A Mediterranean Assessment. Landscape Ecology (accepted, in press).
- B24. Trigas, P., **Panitsa, M.** & Tsiftsis, S. (2013): Elevational Gradient of Vascular Plant Species Richness and Endemism in Crete - The Effect of Post-Isolation Mountain Uplift on a Continental Island System. PLOS ONE 8(3): e59425. DOI:10.1371.
- B25. Iliadou E., **Panitsa M\***, Raus Th. & Dimopoulos P. (2014): Flora and factors affecting species diversity in protected "Natura 2000" sites of the Ionian area: the Echinades islet group (Greece). – Willdenowia 44(1):121-136.
- B26. Iliadou, E., Kallimanis, A., Dimopoulos, P. & **M. Panitsa\*** (2014): Comparing the two Greek Archipelagos plant species diversity and endemism patterns highlight the importance of isolation and precipitation as biodiversity drivers. Journal of Biological Research 21:16.
- B27. Iliadou E., **Panitsa M\***, Raus Th. & Dimopoulos P. (2014): Flora and factors affecting species diversity in the islet groups of the protected "Natura 2000" sites of the Amvrakikos Gulf and Mesologgi lagoon (Ionian area, Greece). Willdenowia 44(3):439-450.
- B28. Nagendra, H., Mairota, P., Marangi, C., Torri, D., Lucas, R., Dimopoulos, P., Honrado, J.P., Niphadkar, M., Múcher, C.A., Tomaselli, V., **Panitsa, M.**, Manakos, I. & P. Blonda (2015): A framework to apply remote sensing for threat analysis in protected areas. JAG 37: 124-132.
- B29. **Panitsa, M\*** & Kontopanou, A. (2017): Chasmophytic plant species diversity of Greece: floristic analysis and phytogeographical patterns. Botanica Serbica 41(2): 199-211.
- B30. Kallimanis, A.S., **Panitsa, M.** & Dimopoulos, P. (2017): Quality of non-expert

citizen science data collected for habitat type conservation status assessment in Natura 2000 protected areas. Scientific Reports. DOI:10.1038/s41598-017-09316-9.

- B31. Tsiripidis, I., Xystrakis, F., Kallimanis, A., **Panitsa, M.** & P. Dimopoulos (2018): A bottom-up approach for the conservation status assessment of structure and functions of habitat types. *Rendiconti Lincei. Scienze Fisiche e Naturali*. <https://doi.org/10.1007/s12210-018-0691-x>
- B32. Zakkak, S., Radovic, A., **Panitsa, M.**, Vassilev, K., Shuka, L., Kuttner, M., Schindler, S. & V. Kati (2018): Vegetation patterns along agricultural land abandonment in the Balkans. *Journal of Vegetation Science*. DOI: 10.1111/jvs.12670.
- B33. Valli, A. Th., Kougioumoutzis, K., Iliadou, E., **Panitsa, M.** & P. Trigas (2018): Determinants of alpha and beta vascular plant diversity in Mediterranean island systems: the Ionian Islands, Greece. *Nordic Journal of Botany* 37(1): e02156. DOI: 10.1111/njb.02156.
- B34. Tzortzakaki, O., Kati, V., **Panitsa, M.**, Tzanatos, E. & S. Giokas (2019). Butterfly diversity patterns are related to the surrounding land cover in a densely- built Mediterranean city. *Landscape and Urban Planning* 183:79-87. DOI: 10.1016/j.landurbplan.2018.11.007.
- B35. Sarika M, Papanikolaou A, Yannitsaros A, Chitos T, **Panitsa M.\*** (2019) Temporal turnover of the flora of lake islands: The island of Lake Pamvotis (Epirus, Greece). *Biodiversity Data Journal* 7: e37023. DOI:10.3897/BDJ.7. e 37023.
- B36. Iliadou, E., Bazos, I., Kougioumoutzis, K., Karadimou, E., Kokkoris, I., **Panitsa, M.**, Raus, Th., Strid, A. & P. Dimopoulos (2020). Taxonomic and phylogenetic diversity patterns in the Northern Sporades islets complex (West Aegean, Greece). *Plant Systematics and Evolution* 306:28. <https://doi.org/10.1007/s00606-020-01660-0>.
- B37. **Panitsa M.\***, Iliadou E., Kokkoris I., Kallimanis A., Patelodimou C., Strid A., Raus T., Bergmeier E., Dimopoulos P. (2020) Distribution patterns of ruderal plant diversity



- in Greece. Biodiversity and Conservation <https://doi.org/10.1007/s10531-019-01915-4>.
- B38. Papanikolaou, A. & **M. Panitsa\*** (2020). Plant species richness and composition of a habitat island within Lake Kastoria and comparison with those of a true island within the protected Pamvotis lake (NW Greece). Biodiversity Data Journal 8: e48704. DOI: 10.3897/BDJ.8.e48704
- B39. Kontopanou, A. & **M. Panitsa\*** (2020). Habitat Islands on the Aegean Islands (Greece): Elevational Gradient of Chasmophytic Diversity, Endemism, Phytogeographical Patterns and need for Monitoring and Conservation. Diversity 12(1), 33; <https://doi.org/10.3390/d12010033>

### C. BOOKS - BOOK CHAPTERS

- C1. **Panitsa, M.**, Kagiampaki, A. & K. Kougioumoutzis (2018): Plant Diversity and Biogeography of the Aegean Archipelago: A New Synthesis. In: Sfenthourakis, S. et al. (Eds.), Biogeography and Biodiversity of the Aegean. In honour of prof. Moysis Mylonas, Broken Hill Publishers Ltd, Nicosia, Cyprus, pp. 223-244.
- C2. Iatrou, G., **Panitsa, M.**, Fournaraki, Ch. & K. Koutsovoulou (2017). *Anthemis glaberrima* (Rech. f.) Greuter. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017. IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).
- C3. Iatrou, G., Kypriotakis Z., **Panitsa, M.**, Kaltsis A., Koutsovoulou K. & Ch.Fournaraki (2017). *Convolvulus argyrothamnos* Greuter. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017.

IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).

C4. Iatrou, G., **Panitsa, M.** & A.Kaltsis (2017). *Aethionema retsina* Phitos & Snogerup. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017. IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).

C5. Iatrou, G. & **M. Panitsa.** (2017). *Allium calamarophilon* Phitos & Tzanoudakis. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017. IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).

C6. Iatrou, G., **Panitsa, M.** & P. Delipetrou (2017). *Consolida samia* P.H. Davis. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017. IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).

C7. Iatrou, G. & **M. Panitsa.** (2017). *Saponaria jagelii* Phitos & Greuter. In: Pasta S., Perez-Graber A., Fazan L. and Montmollin B. de (Eds). 2017. The Top 50 Mediterranean Island Plants UPDATE 2017. IUCN/SSC/Mediterranean Plant Specialist Group. Neuchâtel (Switzerland). E-book and online. 141 pp. [top50.iucn-mpsg.org](http://top50.iucn-mpsg.org).

C8. Dimopoulos P., I. Tsiripidis, F. Xystrakis, A. Kallimanis, **M. Panitsa** (2017). *Methodology for monitoring and conservation status assessment of the habitat types in Greece*. National Center of the Environment and Sustainable Development, 128 pages. Athens.

C9. **Panitsa, M.** (2016) in Janssen J.A.M., Rodwell J.S., García Criado M., Gubbay S., Haynes T., Nieto A., Sanders N., Landucci F., Loidi J., Ssymank A., Tahvanainen T., Valderrabano M., Acosta A., Aronsson M., Arts G., Attorre F., Bergmeier E., Bijlsma

R.-J., Bioret F., Biță-Nicolae C., Biurrun I., Calix M., Capelo J., Čarni A., Chytrý M., Dengler J., Dimopoulos P., Essl F., Gardfjell H., Gigante D., Giusso del Galdo G., Hájek M., Jansen F., Jansen J., Kapfer J., Mickolajczak A., Molina J.A., Molnár Z., Paternoster D., Piernik A., Poulin B., Renaux B., Schaminée J.H.J., Šumberová K., Toivonen H., Tonteri T., Tsiripidis I., Tzonev R. and M. Valachovič (2016): European Red List of Habitats. Part 2. Terrestrial and freshwater habitats. Brussels: European Commission.

C10. **Panitsa, M.** & P. Dimopoulos (2015): Cultural Heritage Hotspots and Island landscape Diversity in the Aegean Archipelago, Greece. IN: Pungetti, G. (Ed.) (2015): Island Landscapes: An Expression of European Culture. Ashgate Publishing Ltd, England.

C11. **Panitsa, M.** (2009): *Ramonda serbica* Panč. In: PHITOS, D. KONSTANTINIDES, TH. & G. KAMARI (2009): "The Red Data Book of Endangered Plants of Greece": Volume II, 266-268, Hellenic Botanical Society (in Greek).

C12. **Panitsa, M.** (2008): Island Ecosystems, Habitat types and plant species in "Natura 2000" network. In: DIMOPOULOS P., PANTIS I., TZANOUDAKIS D. & D. VAYENAS (eds) (2008): *Textbook on the Sustainable Management of Protected Areas*. Editions Pappas, pp. 643. ISBN 978-960-89071-2-6, Athens (in Greek).

C13. Dimopoulos, P. & **M. Panitsa** (2008): Habitat types of the Directive 92/43/EU in Europe and Greece. In: DIMOPOULOS P., PANTIS I., TZANOUDAKIS D. & D. VAYENAS (eds) (2008): *Textbook on the Sustainable Management of Protected Areas*. Editions Pappas, pp. 643. ISBN 978-960-89071-2-6, Athens (in Greek).

C14–C22. Tan Kit & **M. Panitsa** (2000): in Guner, A. et al. (eds.). Flora of Turkey and the East Aegean Islands, vol. 11. Edinburgh University Press, Edinburgh.

- *Amaranthus* L., p. 65-67.
- *Melilotus* L., p. 95-96.
- *Trigonella* L., p. 96.
- *Tetragonolobus* Scop., p. 97.
- *Securigera* DC., p. 97.
- *Galinsoga* Ruiz & Pavon, p. 150-151.
- *Tagetes* L., p. 151-152.
- *Bubonium* Hill, p. 152.
- *Galactites* Moench, p. 163.

C23. Arianoutsou, M., Delipetrou, P., Dimopoulos, P., Economidou, E., Karagiannakidou, V., Konstantinides, P., Panagiotides, P., **Panitsa, M.** & G. Tsiourlis (1997): Habitat types present in Greece. In: Directive 92/43/ EEC. The Greek "Habitat Project NATURA 2000: An Overview. Life Contract B4-3200/94/756, Commission of the European Communities DG XI, The Goulandris Natural History Museum- Greek Biotope/ Wetland Centre. 917p. S.Dafis, E.Papastergiadou, K.Georgiou, D.Babalonas, Th. Georgiadis, M. Papageorgiou, T. Lazaridou & V. Tsiaoussi (eds).

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#### D. PRESENTATIONS IN INTERNATIONAL CONGRESSES

D1. **Panitsa, M.** & D. Tzanoudakis (1991): Contribution to the study of the Greek flora: Floristic and phytogeographical studies of North Dodekanesos. In: Thanos, C. (ed.). Plant-animal interactions in Mediterranean type ecosystems. (MEDECOS). pp.: 367-374. University of Athens-Greece.

D2. **Panitsa, M.** & D. Tzanoudakis (1993): Flora and vegetation of some Aegean islets.

- Contribution to the protection and the management of their coastal habitats. In: Salman, A.H.P.M., Langeveld, M.J. & M.Bonazountas (Eds.): Coastal Management and Habitat Conservation vol.2: 59-64. EUCC, Leiden, The Netherlands.
- D3. Tzanoudakis, D. & **M. Panitsa**: Flora of the Greek islands. Symposium pour la "Connaissance et conservation de la flore des îles de la Méditerranée », Ajaccio, Κορσική, 5-8 Οκτωβρίου 1993.
- D4. **Panitsa, M.** & D. Tzanoudakis (1995): Contribution to the knowledge of vegetation diversity in the East Aegean islets (Greece). "Alghero Convention" on "Coastal & Marine Biodiversity in the Mediterranean". Alghero (Italy). 19-22 January 1995.
- D5. **Panitsa, M.** & D. Tzanoudakis (1997): Floristic diversity and dynamics in the Aegean islands. Porto Torres Symposium on "Management of protected islands in the Mediterranean". Porto Toppes (Sardinia, Italy). 17-19 April 1997.
- D6. **Panitsa, M.** & D. Tzanoudakis (1997): The floristic diversity of the Greek flora as exemplified by the exploration of some East Aegean islets. In: Tsekos, I. & Moustakas, M. (eds.). Progress in Botanical research Proceedings of the 1<sup>st</sup> Balkan Botanical Congress, pp: 113-116. Kluwer Academic Publishers, Dordrecht-Boston-London.
- D7. Georgiadis, Th., Dimitrellos, G., **Panitsa, M.**, Theocharopoulos, M. & S. Chochliouros (1997): Ecological evaluation and management of the ecosystems of Acheron river's estuaries and gorge (W. Greece). In: Tsekos, I. & Moustakas, M. (eds.). Progress in Botanical research Proceedings of the 1<sup>st</sup> Balkan Botanical Congress, pp: 301-304. Kluwer Academic Publishers, Dordrecht-Boston-London.
- D8. Tzanoudakis, D., Iatrou, G., **Panitsa, M.** & P. Trigas (1997): Contribution to the study of the Greek insular flora: Antikythera and the islets around Kythera. In: Tsekos, I. & Moustakas, M. (eds.). Progress in Botanical research Proceedings of the 1<sup>st</sup> Balkan Botanical Congress, pp: 177-180. Kluwer Academic Publishers, Dordrecht-Boston-London.
- D9. Dimitrellos, G., **Panitsa, M.**, Spanou, S., Tiniakou, A., Verroios, G. & T. Georgiadis (1999): Bio-monitoring of Selected Plant Species and Habitat types of the Mesogaia Area. 8th European Ecological Congress, Halkidiki, EURECO '99.
- D10. Dimopoulos, P., Bergmeier, E., Georghiou, K., **Panitsa, M.**, Delipetrou, P. & D. Tzanoudakis (2000): Detecting plant diversity "hot spots" in the Aegean islands. International conference in Mediterranean climate ecosystems (MEDECOS). South Africa.

- D11. Georgiou, O., **Panitsa, M.** & D. Tzanoudakis (2002): *Anthemis scopulorum* Rech.fil. (Asteraceae) – an “islet specialist” endemic of the Aegean area (Greece). «Biodiversity in the Information Age», VI International Congress of Systematic and Evolutionary Biology, September 9 - 16, 2002, Patras, Greece
- D12. **Panitsa, M.**, Dimopoulos, P. & D. Tzanoudakis (2004): Scrub communities of the East Aegean islets (Greece). 13<sup>th</sup> International Workshop “European Vegetation Survey”. Univ. Of Ioannina, Greece.
- D13. **Panitsa, M.**, Tzanoudakis, D., & S. Sfenthourakis (2007): Community change through time: Small Islet Plant Communities after two decades. 3rd biennial conference of International Biogeography Society, January 9-13, 2007, Tenerife, Canary Islands.
- D14. **Panitsa M.**, Tzanoudakis D. & S. Sfenthourakis (2009): Plant diversity on islets of the eastern Aegean Sea and turnover in time. 52<sup>nd</sup> International Symposium of the International Association for Vegetation Science on “Vegetation processes and human impacts in a changing world”, 30<sup>th</sup> May -4<sup>th</sup> June 2009, Chania, Crete.
- D15. Kladis G., **Panitsa M.** & P. Dimopoulos (2009): Inventorying *Fraxinus angustifolia* subsp. *oxycarpa* forest diversity: The natural monument (Aetoloakarnania, W.Greece). 52<sup>nd</sup> International Symposium of the International Association for Vegetation Science on “Vegetation processes and human impacts in a changing world”, 30<sup>th</sup> May -4<sup>th</sup> June 2009, Chania, Crete.
- D16. Iliadou E. & **M. Panitsa** (2009): Biogeographic Factors influencing Plant Species Diversity and Species Richness of Echinades islet group (Ionian area, Greece). 5<sup>th</sup> Balkan Botanical Congress, September 7-11, 2009, Belgrade, Serbia.
- D17. Tsiripidis, I., **Panitsa, M.**, Koutsias, N., Tsiftsis, S. & P. Dimopoulos (2010): Taking into account species ecological optimum in reserve networks selection. In: Dengler, J., Finckh, M. & Ewald, J. (eds.), *Vegetation Databases and Climate Change*, 9<sup>th</sup> international Meeting on Vegetation Databases, Hamburg, 24–26 February 2010, Book of Abstracts, pp. 52.
- D18. Dimopoulos, P., Bergmeier, E., Mucina, L., Fotiadis, G., **Panitsa, M.**, Raus, T., Sykora, K.V., Theodoropoulos, K. & I. Tsiripidis (2011): Syntaxonomic overview of the vegetation of Greece: Checklist of high-rank syntaxa, distribution patterns and nature conservation. 20th Workshop, European Vegetation Survey, Roma (Italy), 6<sup>th</sup> – 9<sup>th</sup> April 2011.
- D19. Kallimanis, A.S., Strid, A., **Panitsa, M.**, Bergmeier, E. & P. Dimopoulos (2011):

- «Mountain vs. island biogeographic plant diversity patterns in Greece». International Congress, BioSystematics – Symposium: Plant Biodiversity in the Euro-Mediterranean Area, 21-27 February 2011, Berlin, Germany.
- D20. Kallimanis, A., Iliadou, E., **Panitsa, M.**, Bergmeier, E. & P. Dimopoulos (2011): Comparing island biogeographic patterns between the Aegean and Ionian archipelagos of Greece. 5th International Biogeography Society Conference, Irakleion, Crete, 7<sup>th</sup> -11<sup>th</sup> January 2011.
- D21. **Panitsa, M.** & S. Sfenthourakis (2011): From plots to islands: Plant species diversity at different scales. 5th International Biogeography Society Conference, Irakleion, Crete, 7<sup>th</sup> -11<sup>th</sup> January 2011.
- D22. Trigas, P., **Panitsa, M.**, Turland, N. & S. Tsiftsis (2011): Elevational gradient of vascular plant species richness and endemism in Crete. 5th International Biogeography Society Conference, Irakleion, Crete, 7<sup>th</sup> -11<sup>th</sup> January 2011.
- D23. **Panitsa, M.** & E. Iliadou (2011): Flora and phytogeography of the Ionian islands (Greece). 2nd Botanical Conference of Menorca “Plants & Mediterranean islands”: Conservation and knowledge of the flora of Mediterranean Islands. Es Mercadal, Menorca, 26 - 30 April 2011.
- D24. **Panitsa, M.** & E. Iliadou (2012): Plant diversity and phytogeography of "open sea" islets (Ionian area) vs. islets of a "semi-closed" gulf and a lagoon (Western Greece). International Symposium on "Evolution of Balkan Biodiversity", University of Zagreb in Zagreb (Croatia), June 28<sup>th</sup> to 30<sup>th</sup> 2012.
- D25. **Panitsa, M.** & P. Dimopoulos (2012): Cultural heritage hot spots vs island landscape diversity as exemplified by the Aegean archipelago (Greece). ESLAND Conference on "European Culture expressed in Island Landscapes". Sassari, Sardinia, Italy 11-13 October 2012.
- D26. Dimopoulos P., Tsiripidis I., Bergmeier E., Goedecke F., Kallimanis A.S., Mucina L., **Panitsa M.**, Xystrakis F., Strid A. (2013): Assessing the conservation status of habitat types in Greece: methodological issues and links to the Red List evaluation of ecological communities. 22nd Workshop, European Vegetation Survey, Roma (Italy), 8<sup>th</sup> – 11<sup>th</sup> April 2013.
- D27. Papanikolaou, I. Iatrou, G, **Panitsa, M.**, Papageorgiou, N., Katsiamboulas A. (2013): Titan Patras cement plant: Biodiversity study for the Artimes limestone quarry. 6th International Conference on Sustainable Development in the Minerals Industry, 30 June – 3 July 2013, Milos island, Greece.

- D28. Tomaselli , V., Dimopoulos, P., Marangi, C., Kallimanis A.S., Tarantino, M.C., **Panitsa M.**, Terzi, M., Veronico, G., Lovergine, F., Nagendra, H., Lucas, R., Mairota, P., Mucher, C.A. & P. Blonda (2013): Comparison of Land Cover/Land Use and Habitat Classification Systems for Habitat Mapping from Space: Strengths and Weaknesses Evidenced in Mediterranean Sites of Natura 2000 Network. In: GI\_Forum 2013 – Creating the GISociety "ECOSYSTEM AND BIODIVERSITY MONITORING: BEST PRACTICE IN EUROPE AND GLOBALLY (EO4HAB)". DOI: 10.1553/giscience2013s560.
- D29. Dimopoulos, P., Tsiripidis, I., Xystrakis, F., Bergmeier, E., **Panitsa, M.** & A. Kallimanis (2014): Conservation status assessment for habitat types in Greece. IAVS 57th Annual Symposium of the International Association for vegetation science "Biodiversity and vegetation: Pattern, processes, conservation", 1-5/9/14, University of Western Australia, Perth, Western Australia
- D30. Panitsa M. & A. Kontopanou (2015): Factors affecting chasmophytic plant species diversity and endemism on the habitat islands of rocky limestone slopes and cliffs in Greece. 7<sup>th</sup> Biennial Conference of the IBS, 8 to 12th January, 2015 - Bayreuth, Germany.
- D31. Georgopoulos, S., Panitsa, M., Vlastos, D. & M.I. Papadaki (2015): Treatment of CowFarm Wastewaters using an Environmentally Friendly Method."In ternational Conference "Industrial waste and wastewater treatment and valorization", Athens, May 2015.
- D32. Dimopoulos P., Kallimanis A.S., Panitsa M., Tsiripidis I., Xystrakis F. (2015): Does the functional diversity of cliffs and coastal dunes imply environmental filtering community assembly? 22th Workshop, European Vegetation Survey, Roma (Italy), 6<sup>th</sup> – 9<sup>th</sup> April 2015.
- D33. Dimopoulos, P., Xystrakis, F., Tsiripidis, I., Bergmeier, E., Ganatsas, P., Georghiou, K., Kallimanis, A.S. & **M. Panitsa** (2016): Conservation status assessment of habitat types in Greece: methodological aspects, implementation and results. 25th Meeting European Vegetation Survey, Rome 6-9 April 2016.
- D34. **Panitsa M.**, Dimopoulos P. & I. Kokkoris (2016): Species-based *versus* habitat-based conservation status assessment of the phytodiversity in the Aegean islands (Greece). XV Optima Meeting, 6-11-2016, Montpellier, France (invited speaker).
- D35. **Panitsa M.**, Iliadou, E, Kokkoris I, Kallimanis, A, Patelodimou C, Strid A, Raus Th, Bergmeier E & P. Dimopoulos (2017): Patterns of ruderal plant species diversity in Greece: simple or complicated? 60th IAVS annual Symposium Palermo, June 20-24, 2017.



- D36. Kontopanou A. & **Panitsa M.** (2018): Patterns of chasmophytic plant species richness and their functional traits along elevational gradients. 7<sup>th</sup> Balkan Botanical Congress, 10-14/9/2018, Novi Sad, Serbia.
- D37. **Panitsa M.**, Dimopoulos P., Tsakiri M., Iliadou E., Kokkoris I. & Tzanoudakis D. (2018): Herbarium of vascular plants collection of the University of Patras (Greece). 7<sup>th</sup> Balkan Botanical Congress, 10-14/9/2018, Novi Sad, Serbia.
- D38. Iliadou E., Bazos I., Kougioumoutzis K., Karadimou E., Kokkoris I., **Panitsa M.**, Raus T., Strid A. & Dimopoulos P. (2018): Taxonomic diversity patterns in the northern Sporades islets complex (Greece). 7<sup>th</sup> Balkan Botanical Congress, 10-14/9/2018, Novi Sad, Serbia.
- D39. **Panitsa, M.**, Bergmeier, E., Meyer, S., Bebeli, P., Sfakianou, D., Georgiadis, N. & Dimitropoulos, G. (2018): Humans, landscapes and plant diversity – first results from the Terra Lemnia project on Lemnos island (North Aegean, Greece). 2<sup>nd</sup> Mediterranean Plant Conservation Week “Conservation of Mediterranean Plant Diversity: Complementary Approaches and New Perspectives”. La Valetta, Malta, 12-16 November 2018.
- D40. Meyer, S., Bergmeier, E., **Panitsa, M.**, Sfakianou, D., Georgiadis, N. & Dimitropoulos, G. (2018): Segetal plant diversity on Lemnos Island (Greece) – status quo and implications for conservation efforts within the TerraLemnia-project. 2<sup>nd</sup> Mediterranean Plant Conservation Week “Conservation of Mediterranean Plant Diversity: Complementary Approaches and New Perspectives”. La Valetta, Malta, 12-16 November 2018.
- D41. Panitsa M., Kougioumoutzis K., Kagiampaki A., Triantis K. A. & Trigas P.: Plant diversity patterns in the Aegean Islands: history, climate or isolation? XVI OPTIMA meeting, Athens, 2-5 October 2019.
- D42. Kontopanou A. & Panitsa M.: Endemic chasmophytes’ richness and phytogeographical patterns in Greece: The family of *Asteraceae*. XVI OPTIMA meeting, Athens, 2-5 October 2019.
- D43. Pavlopoulou M. G. & Panitsa M.: Plant species diversity and cultural environment of the habitat island of Ancient Messini archaeological area (SW Peloponnisos, Greece). XVI OPTIMA meeting, Athens, 2-5 October 2019.
- D44. Papanikolaou A. & Panitsa M.: Lake islands: Floristic composition of a habitat island in the protected area of Kastoria lake (NW Greece). XVI OPTIMA meeting, Athens, 2-5 October 2019.
- D45. Bergmeier, E., Panitsa, M., Dimitropoulos, G., Georgiadis, N., Hadjigeorgiou, I. & S. Meyer (2019): Biodiversity and ecological conditions of rangelands for the local livestock system of Lemnos (Greece). Joint Meeting of the FAO-CIHEAM Networks, entitled *Efficiency and resilience of forage resources and small ruminant production to cope with global challenges in Mediterranean areas*, Meknes (Morocco) 23-25 October 2019.
- D46. Schunko, Ch., Papageorgiou, D., Bebeli, P.J. & M. Panitsa (2019). Local knowledge

about the ecological sustainability of wild plant gathering in Lemnos island, Greece. In: Biome Working Group Sessions: B5 Mediterranean socio-ecological systems: integration of methodological approaches to evaluate ecosystem services' dynamics. ESP 10, WORLD Conference, Hanover, 21-25 October 2019.

### **Member of scientific societies**

- Member of SSC/MPSG Mediterranean Plant Specialist Group της IUCN (International Union for the Conservation of Nature) (2013- σήμερα)
- OPTIMA (Organization for the Phyto-Taxonomic Investigation of the Mediterranean area)
- IBS (International Biogeography Society)
- Hellenic Botanical Society (Secretary of the HBS Board)
- Hellenic Ecological Society (Member of the HES Board)

### **Reviewer for scientific journals**

<https://publons.com/researcher/1600423/maria-panitsa/>

- Journal of Agriculture and Ecology Research International (Academic Editor)
- Biodiversitas (Communicating Editor)
- Diversity (Editorial Board Member)
- Acta Oecologica
- Annales Botanici Fennici
- Annual Review & Research in Biology
- Applied Sciences
- Biodiversity Data Journal
- British Journal of Applied Science & Technology
- Botany Letters
- Diversity and Distributions
- Environmental Monitoring and Assessment
- European Journal of Medicinal Plants
- Fresenius Environmental Bulletin
- Flora
- Geoinformatics and Geostatistics
- International Journal of Biodiversity

- International Journal of Biodiversity and Conservation
- International Journal of Environmental Research
- International Journal of Plant & Soil Science
- Journal for Nature conservation
- Journal of Basic and Applied Research international
- Journal of Biodiversity Management & Forestry
- Journal of Biogeography
- Journal of Plant and Soil Science
- Journal of Tropical Forest Science
- Land Degradation
- Phytologia Balcanica
- Plant Biosystems
- Plant Ecology and Diversity
- Regional Environmental Change
- Science of the Total Environment
- Scientific Research and Essays
- Sustainability
- Systematics and Biodiversity
- Water
- Willdenowia



**February 2020**

**Maria Panitsa**