

28th Meeting of the European Vegetation
Survey

**Vegetation Diversity and Global
Change**

**2-6 September 2019
Madrid, Spain**

**PROGRAMME
&
LIST OF PARTICIPANTS**

Pharmacology, Pharmacognosy and Botany Department
Pharmacy. Complutense University

Monday, 2 September 2019

18:00-20:00 **Registration and Welcome drink**
Facultad de Farmacia (New Pharmacy Building)

Tuesday, 3 September 2019

8:00-9:00 **Registration**

9:00-9:15 **Opening Ceremony**

9:15-10:00 **Keynote Lecture: Adrián Escudero (Rey Juan Carlos University, Móstoles).**

Linking above and below ground plant community responses: a melting pot of interactions and soil heterogeneity

Session 1. Sand-Dune and Halophilous Vegetation

Chair: Iva Apostolova

10:00-10:15 **Through the lens of time: experiences from a resurveying study of coastal dune ecosystems in Central Italy**

Sperandii MG, Barták V & Acosta ATR

10:15-10:30 **Conservation status assessment of dune habitats in two contrasting Natura 2000 sites**

Argagnon O, Sirvent L & Treil V

10:30-10:45 **Synthetic overview of sandy vegetation of the Pannonian and western Pontic region**

Čuk M, Botta-Dukát Z, Csecserits A, Chytrý M, Franjić J, Igić R, Ilić M, Janišová M, Kuzemko A, Rédei T, Škvorc Ž, Tzonev R, Vukov D, Willner W, Čarni A

10:45-11:00 **Syntaxonomical approach on the fruticose halophytic vegetation of Western European territories**

Sánchez-Mata D, Ramírez E, Rufo L, Sánchez-Gavilán I & de la Fuente V

11:00-11:30 **Coffee/Tea break**

Session 2. High-Mountain Vegetation

Chair: Milan Chytrý

11:30-11:45 **Disentangling observer error and climate change effects in long-term monitoring of alpine plant species composition and abundance**

Winkler M, Futschik A, Steinbauer K, Lamprecht A, Rumpf S, Barančok P, Palaj A, Gottfried M & Pauli H

11:45-12:00 **Biogeography of alpine plant communities in southern Europe**

Jiménez-Alfaro B, Abdulhak S, Bergamini A, Carranza ML, Čušterevska R, Font X, Giusso del Galdo G, Kuzmanović N, Marcenò C, Milanović D, Ruprecht E, Šibík J, Stanisci A, Vassilev K, Willner W and EUROALP Consortium

12:00-12:15 **Coenological and syntaxonomical features of relic populations of two *Salix* species in the high-altitude sector of the Apennines**

Di Pietro R

12:15-12:30 **Fine-scale patterns of mountain tundra vegetation**

Czóbel Sz, Maglódi G, Baltazár T, Rusvai K & Szirmai O

12:30-12:45 **Counteracting summer drought: Osmolyte accumulation in orophytes from Mediterranean high-mountain communities**

Magaña Ugarte R, Escudero A & Gavilán RG

12:45-13:00 **Analysis of global diversity patterns of alpine vegetation**

Testolin R, Attorre F & Jiménez-Alfaro B

13:00-13:15 **Ozone risk assessment for Mediterranean high mountain grasslands at the Guadarrama mountain range**

Elvira S, González-Fernández I, Bermejo-Bermejo V, Sanz J, García-Gómez H, Rabago I, Alonso R

13:15-14:30 **Lunch**

14:30-15:45 **Poster Session I**

Session 3. Assessment and Conservation of European Habitats I

Chair: Mirjana Čuk

15:45-16:00 **Threatened and endemic species associated with habitat types in Europe - overview**

Hobohm C, Beierkuhnlein C, Moro-Richter M

16:00-16:15 First overview on the 4th Annex I Habitats Report in Italy: methods, criticality, results and future prospects

Gigante D, SBI-4RH & Angelini P

16:15-16:30 Monitoring and status of Natura 2000 habitats in Flanders, Belgium

Paelinckx D, Westra T, Oosterlynck P, Lommelen E & De Bie E

16:30-17:00 Coffee/Tea break

Session 4. Assessment and Conservation of European Habitats II

Chair: Daniel Sánchez-Mata

17:00-17:15 Habitat identification by satellite images

Šibík J, Mikula K, Jarolímek I, Kollár M, Podroužková-Medvecká J, Škodová I, Urban J & Šibíková, M

17:15-17:30 Challenges in classification of mosaic vegetation and implications to ecosystem change studies in northern mires

Tahvanainen T & Kolari T

17:30-17:45 Establishing Natura 2000 in Albania: state of the art and future perspectives

Mahmutaj E, De Sanctis M, Fanelli G, Hoda P, Mullaž A, Mesiti A, Meço M, Kashta L, Gjeta E, Shuka L, Cambria V, Buffi F & Attorre F

17:45-18:00 Biotope as a syntaxa complex

Didukh Ya., Kuzemko A.

18:00-18:15 Discovering missing parts in an island ecosystem

García-Cervigón AI, Sangüesa-Barreda G, García-Hidalgo M, Rozas V, Martín-Esquivel JL & Olano JM

18:15-18:30 Syntaxonomical diversity of Strazhata hill in the central part of north Bulgaria

Nazarov M, Vassilev K, Gecheva G, Mardari C & Velev N

Wednesday, 4 September 2019

9:00-9:45 **Keynote Lecture: Alessandro Chiarucci (University of Bologna)**

A sampling approach for habitat monitoring at national scale

Session 5. Vegetation Patterns in the Palaeartic

Chair: Manuela Winkler

9:45-10:00 **Phytosociological alliances of zonal boreal forests in Northern Europe**

Jašková A, Chytrý M & Data Contributors

10:00-10:15 **The temperate deciduous forests of Europe and western Asia: a survey on their biogeography and diversity**

Loidi J, Marcenò C, Campos JA, Chytrý M, Gholizadeh H, Jiménez-Alfaro B, Knollová I, Naqinezhad A, Novák P, Nowak A, Petřík P & Data Contributors

10:15-10:30 **Oak-hornbeam forests from the European perspective – Currently recognized alliances, a faithful mirror of their floristic variability?**

Novák P & Data Contributors

10:30-10:45 **Benchmarking plant diversity of Palaeartic grasslands**

Biurrun I, Dengler J, Burrascano S, Dembicz I, García-Mijangos I, Guarino R, Kapfer J, Pielech R, Soliveres S, Steinbauer MJ & GrassPlot Consortium

10:45-11:00 **European annual weed vegetation: first results of numerical classifications**

Kůzmič F, Šilc U, Lososová Z, Mucina L & Data Contributors

11:00-11:30 **Coffee/Tea break**

Session 6. Methods and Databases for Vegetation Studies

Chair: John Rodwell

11:30-11:45 **Probabilistic key for identifying vegetation types in the field: a new method and Android application**

Tichý L & Chytrý M

11:45-12:00 **Using model-based classification in the phytosociology: possible solutions and examples of application**

Botta-Dukát Z

12:00-12:15 **Pladias.cz: an online database of the Czech flora and vegetation**

Chytrý M, Danihelka J, Kaplan Z, Lepš J, Wild J, Holubová D, Novotný P, Řezníčková M, Rohn M, Grulich V, Klimešová J, Lososová Z, Pergl J, Sádlo J, Šmarda P, Bartušková A, Blažek P, Chrtek Jr. J, Dřevojan P, Fischer FM, Guo W-Y, Herben T, Konečná M, Kühn I, Moravcová L, Petřík P, Pierce S, Prokešová H, Štěpánková P, Štech M, Těšitel J, Těšitelová T, Tichý L, Večeřa M, Zelený D & Pyšek P

12:15-12:30 **Using the beta distribution to analyse plant cover data**

Damgaard C

12:30-12:45 **Modelling vegetation composition and plant richness across spatial scales and environmental gradients in Central Apennines Mountains**

Di Musciano M, Theurillat JP, Guisan A, Bronnimann O, Cutini M, Iocchi M, Frattaroli AR

12:45-13:00 **VigLib, using Python in vegetation data analysis**

Hatim MZ

13:00-13:15 **An Expert System for Dutch plant communities**

Janssen JAM, Schaminée JHJ, Hennekens SM, Tichý L, Chytrý M

13:15-14.30 **Lunch**

14:30-15.45 **Poster session II**

Session 7. Mediterranean and Thermophilous Forests

Chair: Idoia Biurrun

15:45-16:00 **Preliminary results from the classification of the thermophilous oak forests in Bulgaria**

Tzonev R, Dimitrov M, Gushev Ch, Pachedjieva K, Gogushev G, Apostolova-Stoyanova N, Nikolov I, Alexandrova A & Glogov, P

16:00-16:15 **Native forest dominance patterns in the Iberian Peninsula**

Monteiro-Henriques T, Cerdeira JO, Cabeza M, Aguiar C & Fernandes PM

16:15-16:30 **Mediterranean and Submediterranean pine forests: Approaching the end of a classification tale**

Bonari G, Coban S, Font Castell X, Agrillo E, Bergmeier E, Acosta ATR, Angiolini C, Didukh YP, Xystrakis F, Sağlam C & Chytrý M

16:30-16:45 **Thermophilous forest fringe vegetation in Ukraine: a review of syntaxa and habitat types**

Iakushenko D

16:45-17:15 **Coffee/Tea break**

Session 8. Mediterranean, Temperate and Boreal Forests

Chair: Rossen Tzonev

17:15-17:30 **Vegetation diversity of Mediterranean woodlands in Turkey**

Kavgacı A, Balpınar N, Öner HH, Arslan M & Čarni A

17:30-17:45 **Are Italian laurophylls in equilibrium with climate? From their Quaternary refugia to the potential area of spread**

Alessi N, Tešitel J, Zerbe S, Spada F, Agrillo E & Wellstein C

17:45-18:00 **The forest vegetation of the middle boreal subzone high-rank syntaxonomic units review in Middle Siberia**

Krivobokov L, Mukhortova L

18:00-18:15 **Calicolous rock-outcrop lime forests in the eastern part of Central Europe**

Zukal D, Novák P, Duchoň M & Chytrý M

18:15-18:30 **Floristic and coenotic diversity of Vyatka-Kama biome**

Kadetov N

Thursday, 5 September 2019

9:00-9:45 **Keynote Lecture: María Pilar Rodríguez-Rojo (Castilla-La Mancha University)**

Singularity of Iberian Mediterranean grasslands in the European context

Session 9. Wetlands, Riparian and Aquatic Vegetation

Chair: Daniela Gigante

9:45-10:00 **Reinforce of the network of riparian vegetation group and disseminate the current results done under COST CONVERGES**

Mandžukovski D, Dufour, S, González del Tanago M, Čarni A, Douda J, Vassilev K, Sibikova M, Stupar V, Čušterevska R, Slezák M, Stešević D, Škvorc Ž, Kavgaci A, Šibík J, Jasprica N

10:00-10:15 **The MedIsWet project in Sicily and Sardinia. An opportunity for improving wetland knowledge and conservation. Preliminary results**

Marcenò C, Minissale P, Sciandrello S, Cuenca-Lombraña A, Fois M & Bacchetta G

10:15-10:30 **How to sample water-dependent protected plant species in a standardized way to be taken into account in the hydrological planning processes? Insights from Spain**

Cortés FM, Magdaleno F, López-Piñeiro T, Viu M & Vallejo N

10:30-10:45 **Calcareous fen succession in Engure Lake Nature Park in Latvia**

Pakalne M, Priede A

10:45-11:00 **Classification of *Schoenus ferrugineus* L. communities from eastern Baltic to the Southern Ural**

Auniņa L, Ivchenko T, Rašomavičius V, Smagin V & Truus L

11:00-11:30 **Coffee/Tea break**

Session 10. Vegetation Dynamics and Succession in Different Habitats I

Chair: *Borja Jiménez-Alfaro*

11:30-11:45 **Disturbance impacts in temperate forests are increasing: 10 years of monitoring understory vegetation in Slovenia**

Kutnar L & Nagel TA

11:45-12:00 ***Aizjoms* – ancient extensive agriculture land “behind beach” in old fishermen villages along SW coast in Latvia**

Rove I

12:00-12:15 **Study of vegetation on recent lava flows in the Güímar Valley, Tenerife, Canary Islands**

Martín Osorio VE, González Negrín R, Wildpret de la Torre W & Wildpret Martín WH

12:15-12:30 **Using conjointly species abundance in plots and phylogeny to approach vegetation classification. A case-study on Macaronesia’s woody vegetation**

Capelo J

12:30-12:45 **Facilitation by nurse plant *Juniperus communis* subsp. *hemisphaerica* and its role on natural regeneration of cedar forest on the southern slope of Djurdjura (Algeria)**

Meddour R, Sahar O, Bitam L & Belhacene D

12:45-13:00 **Investigation of the weed infection of baits in the Mátra Landscape Protection Area**

Rusvai K, Baltazár T, Czóbel Sz

13:00-13:15 **Vegetation succession within the last 16 years in a limestone quarry in central Spain.**

Isabel J, Sardinero S & Fernández-González F

13:15-14:30 **Lunch**

14:30-15:15 **Poster Session III**

15:15-15:45 **EVS Business Meeting**

**Session 11. Vegetation Dynamics and Succession in Different Habitats
II**

Chair: Anna Kuzemko

15:45-16:00 **Remote sensing techniques for investigation of plant communities' syntaxonomy: two cases from Russia**

Komarova, A, Cherednichenko, O, Borodulina, V, Gavrilova, T, Zudkin, A

16:00-16:15 **Phenological trends in plant communities dominated by grasses in Mediterranean areas**

Rojo J, Romero-Morte J, Lara B, Fernández-González F & Pérez-Badía R

16:15-16:30 **Hydrochemical and vegetation trends and dynamics across the poor-rich gradient in a boreal aapa mire over 20 years**

Kolari T, Korpelainen P, Sallinen A, Kuzmin A, Kumpula T & Tahvanainen T

16:30-17:00 **Coffee/Tea break**

**Session 12. Vegetation Dynamics and Succession in Different Habitats
III**

Chair: Fabio Attorre

17:00-17:15 **Succession in soil and plant-community attributes along a chrono-sequence of abandonment vineyards**

Diéguez A, Quintanar JR, Molina JA & Valverde I

17:15-17:30 **Increased drought and high maximum temperatures alter recruitment patterns in Mediterranean forests: Linking climate, canopy cover and seedling survival in three co-occurring tree species**

De Dios-García J, Pardos M, Madrigal G, Garriga E, Conde M, Kobe R, Calama R

17:30-17:45 **Biotic and abiotic conditions and vegetation diversity during spontaneous succession on postindustrial sites – the info-geographical approach**

Woźniak G, Chmura D, Malicka M, Magurno F & Gałka R

17:45-18:30 **Closing Ceremony**

20:00-23.30 **Social Dinner**

Posters

1. National Habitat Classification of Ukraine

Kuzemko A, Didukh Y, Onyshchenko V, Borsukevych L, Chorney I, Moysienko I & Šeffler J

2. How to develop databases for assessing the state of conservation of habitats? Example of the “VegFrance” database.

Burst M, Bonis A & Bouzillé J-B

3. Do decision makers keep up to date with new data on EU habitat types?

Rašomavičius V & Uogintas D

4. Conservation status of Natura 000 coastal habitat: application to French coastal Mediterranean and Atlantic habitats

Lagrange I, Delbosc P, Rapinel S, Bensettiti F, Bouzillé J-B, Lalanne A

5. European habitat types of scrub and forests in the southern part of North Macedonia

Balsevičius A, Syrjänen K, Matevski V, Čušterevska R & Narijauskas R

6. Continental and Mediterranean forest priority habitats in Italy: comparison between rd and th reports

Di Cecco V, Ciaschetti G, De Simone W, Di Martino L, Di Musciano M, Ricci L & Frattaroli AR

7. Research project on the development of an expert system of vegetation in France

Delbosc P, Rapinel S, Bouzillé J-B & Bioret F

8. Ancient burial mounds increase landscape heterogeneity and plant diversity

Apostolova I, Sopotlieva D, Palpurina S, Terzyiska Ts., Tzvetkova N & Velev N

9. Big data from Earth meet/join big data from space: how could we improve remote sensing studies using vegetation knowledge?

Agrillo E, Filippini F, Casella L, Massimi MAlessi N, Angelini P, Taramelli A & Attorre F

10. Prodrôme of vegetation of Ukraine

Dubyna D, Dziuba T, Iemelianova S, Bagrikova N, Borysova O, Borsukevych L, Vynokurov D, Gapon S, Gapon Yu, Davydov D, Didukh Ya, Kozyr M, Konyschuk V, Kuzemko A, Pashkevych N, Ryff L, Solomakha V, Felbaba-Klushyna L, Fitsailo T, Chorna G, Chorney I & Iakushenko D.

- 11. Dry grassland habitats of Ukraine: classification, ecological differentiation and conservation**
Vynokurov D, Didukh Ya & Kuzemko A
- 12. Plant communities of the *Rhamno-Prunetea* class in the Western Iberian Peninsula**
Vicente Orellana JA & Galán de Mera A
- 13. Spatial relationships of forest-steppe vegetation pattern, environmental and functional variables**
Süle G, Balogh J, Fóti Sz, Gecse B & Körmöczi L
- 14. Vegetation classification of Mount Babor Northeast Algeria**
Khaznadar M, Kouachi M & Guessas D
- 15. Diversity of dry grasslands in Poland – a new formalised system**
Kaçki Z, Swacha G & Cwener A
- 16. Investigation on two different vegetation of cattle pastures in the Ipoly Valley**
Ildikó J, Penksza K, Pápay G & Falusi ES
- 17. Revised syntaxonomical classification of thermophilous oak forests in Slovakia**
Hegedúšová K, Žarnovičan H, Kanka R, Šuvada R & Roleček J
- 18. The importance of small-leaved forests in the vegetation cover of the middle of the Russian plain: case study of Moscow region**
Chernenkova T, Belyaeva T, Suslova E, Puzachenko M, Kotlov I & Morozova O
- 19. *Calamagrostis epigeios* meadows in the transition area of the Polistovsky Nature Reserve, NW Russia**
Borodulina V, Cherednichenko O & Komarova A
- 20. Classification of wet grassland of European Atlantic**
Delbosc P, Bonis A, Bouzillé J-B, Levointurier-Vajda C, Chytrý M, Palpurina S, Rodríguez-Rojo M-P, Rapinel S, Biurrún I, Brisse H, Bruelheide H, Campos J-A, De Bie E, Dengler J, de Ruffray P, Ejrnæs R, Erenskjold Moeslund J, Ewald J, Fernández-González F, FitzPatrick U, Font X, García-Mijangos I, Hennekens S; Jansen F, Janssen J, Jandt U, Knollová I, Kozub L, Landucci L, Lenoir J, Pérez-Haase A, Peterka T, Rodwell JS, Schaminée J, Svenning JC & Weekes L

21. Do the Central Apennines exhibit Mediterranean or Temperate bioclimate patterns?

Cutini M, Marziale F, Theurillat JP, Barbato G & Rianna G

22. Sigmetum, minorisigmetum, permasigmetum and other permanent plant communities developing in the Orotemperate High Guadarrama Country of the Sierra de Guadarrama National Park

Cantó P, Pizarro JM, Rodriguez R, Izquierdo JL & Rivas-Martínez S

23. Floristic patterns on altitudinal gradient in Mongolian Altay: transition between steppe and high mountain belts

Zibzeev E, Korolyuk A, Korolyuk E, Senator S, Basargin E & Pristaznuk S

24. On the syntaxonomy of the vegetation in the treeless zone of Central Balkan Range – preliminary results

Pachedjieva K, Petrova G & Tzonev R

25. Long term analysis of Mediterranean vegetation structure: what happened on Italian and Spanish high mountains?

Calabrese V, Carranza L, Gavilán RG, Jiménez-Alfaro B, Paura B & Stanisci A

26. Exploring dispersion ability of high mountain species along environmental gradients. An insight in central Apennine

Di Musciano M, Di Cecco V, Frattaroli AR, Carranza ML, Stanisci A & Di Martino L

27. Contribution of free multi-temporal satellite images for mapping plant communities within a Natura 000 site

Rapinel S, Rozo C, Delbosc P, Bioret F, Bouzillé J-B & Hubert-Moy L

28. Expert system and remote sensing for vegetation mapping of the Natura 000 site "Estuaire de la Loire" (NW France)

Le Dez M, Delbosc P, Bouzillé J-B, Robin M, Launeau P, Moré F & Trécant S

29. Thirty years of land-cover changes around the largest Italian glacier: a remote-sensing approach

Alessi N, Rocchini D, Wellstein C, Oeggl K & Zerbe S

30. How the vegetation sampling plot can support the remote and proximal sensing analysis?

Agrillo E, Salvati R, Filipponi F, Casella L, Massimi M, Carli E, Alessi N, Smiraglia D & Attorre F

- 31. Comparison of forests dominated by alien *Quercus rubra* and native trees in Central Europe**
Májeková J, Jarolínek I, Medvecká J, Mikulová K, Slabejová D, Škodová I, Zaliberová M & Šibíková M
- 32. *Quercus cerris* thermophylous woods in Molise: phytosociological characterization and phytogeographical relationships.**
Paura B, Cutini M, Panichella T, Bertacchi A & Catorci A
- 33. Main forest-forming tree species habitats distribution over Asian Russia under climate change in current century**
Parfenova E & Tchebakova N
- 34. Difference of soil temperature regimes under the forest vegetation of main high syntaxons in northern boreal subzone of Middle Siberia**
Mukhortova L & Krivobokov L
- 35. Boreal pine (*Pinus sylvestris* var. *hamata*) forests in the Caucasus**
Ermakov N, Plugatar Yu & Bebia S
- 36. Observing the health status of coniferous trees in the eastern Alps**
Falvai D, Baltazár T & Czóbel Sz
- 37. Recruitment of forest plant species specialists (*Fagetalia*) in managed beech forests**
Łapińska K, Kącki Z & Stefańska-Krzaczek E
- 38. Higher aquatic vegetation of Ukraine**
Iemelianova S, Dubyna D & Dziuba T
- 39. Syntaxonomical diversity of riparian forest vegetation in Bulgaria – existing knowledge and future perspectives**
Vassilev K, Georgiev S, Nazarov M & Velev N
- 40. Macrophytes as ecological quality indicators of streams in Latvia**
Uzule L & Jēkabsons J
- 41. The changes of water-peat vegetation in the Lower Silesian Forests (Western Poland)**
Barabasz-Krasny B, Tomaszewska Ż, Możdżeń K, Zandi P & Turisova I
- 42. Spring vegetation and water chemistry in eastern Finland**
Luostarinen R, Kolari T & Tahvanainen T
- 43. Links between biodiversity and water quality in Latvian surface waters**
Jekabsone J, Vizule-Kahovska L, & Uzule L

- 44. Ten-year restoration effect of mulching and mowing on semidry *Bromion* grassland**
Škodová I, Devánová K, Dúbravková D, Hegedúšová K, Jarolímek I, Mertanová S, Rajcová K, Smatanová J, Zajac M & Galvánek D
- 45. Preliminary study of post-fire natural regeneration: A five-year study of the affected area in Valdemaqueda (Madrid, Spain)**
Magaña Ugarte R, Sánchez-Mata D & Gavilán RG
- 46. How affects a replacement of original hardwood floodplain forest by black locust plantation habitat conditions and species diversity of understory vegetation, gastropods, and Carabid beetles – case study from Borská nížina Lowland (SW Slovakia)**
Slabejová D, Šibíková M, Čejka T, Šustek Z, Hegedúšová K, Májeková J, Medvecká J, Mikulová K, Škodová I, Zaliberová M & Jarolímek I
- 47. Functional traits of leaves at abandoned and managed sites in Central Forest Reserve, NW Russia**
Gavrilova T, Cherednichenko O & Elumeeva T
- 48. Habitats recovery after invasive plant removal: the case of *Carpobrotus* eradication from the Pontine islands (Lazio, central Italy)**
Carli E, Celesti-Grapow L, Copiz R, Frondoni R, Tilia A & Blasi C
- 49. Enhancing Agricultural Productivity: A Case of Potato Cultivation in Western Guatemala**
Chan C, Widanage R, Sipes B & Melakeberhan H
- 50. Phytoceonological studies in open sandy grasslands in the Hungarian Northern Great Plain (*Festuca* species and species composition of plant communities)**
Pápay G, Szabó G, Zimmermann Z, Fűrész A, S-Falusi E & Penksza K
- 51. Psammophilous vegetation in the Iberian South Plateau: a preliminary overview**
Luengo Nicolau E, Sánchez Mata D & Martínez Labarga JM
- 52. The taxonomic problems of the *Festuca vaginata* agg. and their coenosystematic aspects in the sandy areas along the Danube**
Penksza K, Lisztes-Szabó Zs, Pápay G, Járdi I, Fűrész A & S-Falusi E
- 53. Changes in functional structure of riparian tall herb fringe communities caused by alien plant invasion**
Myśliwy M & Stępień E

54. Can we really predict the course of plant invasion?

Kamiński D & Rutkowski L

55. Impacts of long-term fertilization on biodiversity of dry grasslands in Sub-Mediterranean Slovenia

Vreš B, Čelik T, Dakskobler I, Kuzmič F, Verbič Ja, Verbič Jo & Šilc U

56. Vegetation succession, soil seed bank and seed rain on shallow eroded areas in the South Tyrolian Dolomites

Tonin R, Wellstein C, Zwack B, Peratoner G, Mayr A, Geitner C & Zerbe S

57. Secondary succession in old fields: changes in plant functional markers in central Spain abandoned vineyards

Pérez Hernández J & Gavilán RG

58. Vegetation dynamics and succession in semiarid series of *Maytenus senegalensis* subsp. *europaea*

Gómez Mercado F

59. Dynamics of regenerative succession of Azorean pastured peatlands

Dias E, Mendes C & Pereira D

60. Factors affecting the distribution and abundance of Balkan endemic species in grasslands

Ačić S, Šilc U, Tomović G & Dajić Stevanović Z

61. Germination and growth processes of radish seeds under influence of *nipplewort* aqueous extracts

Moždzeń K, Barabasz-Krasny B, Stachurska-Swakoń A, Turisova I & Zandi P

62. Mineralogy and seasonal variation of elemental composition of the endemic halophyte *Sarcocornia carinata* (Chenopodiaceae) in relation with the environmental variables.

Rufo L, Iglesias MT, Rodríguez N, Ramírez E, Sánchez-Gavilán I & de la Fuente V

63. Morphological and reproductive trait-variability of a food deceptive orchid, *Cephalanthera rubra* along different altitudes

Gilián LD, Endrédi A, Zsinka B, Neményi A & Nagy JGy

64. Urban structure and environment impact plant species richness and flora in Ljubljana (Slovenia)

Jogan N, Kuzmič F & Šilc U

65. *Asphodelus microcarpus* dominated community in Montenegro

Stanišić Vujačić M, Stešević D, Hadžiablahović S, Caković D & Šilc U

Participants

Andela Aćić (Serbia)
Svetlana Aćić (Serbia)
Emiliano Agrillo (Italy)
Nicola Alessi (Italy/Austria)
Iva Apostolova (Bulgaria)
Olivier Argagnon (France)
Aija Ārgale (Latvia)
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