

25th Meeting of European Vegetation Survey

Roma (Italy), April 6-9 2016



Programme



European
Vegetation
Survey



DIPARTIMENTO
DI BIOLOGIA AMBIENTALE

SAPIENZA
UNIVERSITÀ DI ROMA



Società Botanica Italiana

25TH INTERNATIONAL MEETING OF THE EUROPEAN VEGETATION SURVEY

Roma 6-9 April 2016

Editors: Emiliano Agrillo, Fabio Attorre, Francesco Spada & Laura Casella

Roma, April 2016

Chairman of Organising Committee:

Fabio Attorre, Department of Environmental Biology, Sapienza University of Roma, P.le A. Moro, 5 00185 Roma, Italy. Email: fabio.attorre@uniroma1.it

EVS Meetings Secretary:

Emiliano Agrillo, Department of Environmental Biology, Sapienza University of Roma. Orto Botanico, L.go Cristina di Svezia, 24 00165 Roma, Italy. Email – emiliano.agrillo@uniroma1.it.

EVS-meeting support staff:

- Luca Malatesta
- Luisa Battista
- Laura Casella
- Marco Massimi
- Marta Gaia Sperandii
- Nicola Alessi
- Michele De Sanctis



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EUROPEAN VEGETATION SURVEY 25th MEETING

Roma, 6-9 April 2016

Auditorium of the "Accademia dei Lincei"
via della Lungara 230

PROGRAMME

Wednesday, April 6

8:00 – 8:45 Registration

8:45 - 9:00 EVS opening (welcome from Fabio Attorre and Milan Chytrý)

9:00 - 9:30 Invited Lecture: Sandro Pignatti "400 Years Biodiversity"

9:30 - 10:45 SESSION 1 - *Habitat conservation I*

Chairperson: Joop Schaminée

Habitat conservation status: scale, reference and parameters matter! A case study from Atlantic marshlands *Pauline Herbert, Anne Bonis, Nicolas Rossignol, Jan-Bernard Bouzillé*

How to conserve and develop *Littorelletea* vegetation (habitat type 3130 Oligotrophic to mesotrophic standing waters with vegetation of the *Littorelletea uniflorae* and/or of the *Isoëto-Nanojuncetea*) of NW-Germany over difficult ecological periods? *Rainer Buchwald, Sunitje Stutzmann*

Conservation status assessment of habitat types in Greece: methodological aspects, implementation and results *Panayotis Dimopoulos, Fotios Xystrakis, Ioannis Tsiripidis, Erwin Bergmeier, Petros Ganatsas, Kyriacos Georghiou, Athanasios S. Kallimanis, Maria Panitsa*

Plant species and community indicators to assess the conservation status of the habitat type 6210(*) Semi-natural dry grasslands (*Festuco- Brometalia*) in Molise (Central Italy) *Emanuela Carli, Sabina Burrascano, Piera Di Marzio, Carmen Giancola, Attilio Di Giustino, Bruno Paura, Giovanni Salerno, Agnese Tilia, Carlo Blasi*

Identification and conservation of the habitats of European importance on the Russian Caucasus *Elena Belonovskaya, Nikolai Sobolev*

10:45 - 11:15 Coffee/Tea break

11:15 - 12:15 SESSION 2 – Vegetation history

Chairperson: John Rodwell

Patterns of range densities of European trees across time: persistence versus extinction Donatella Magri, Francesco Spada, Federico di Rita, Emiliano Agrillo, Marco Massimi

Assemblages, potential distribution and genetic diversity of *Aesculus hippocastanum* in Greece: exploring the diversity patterns of a relict species Anna Mastrogrianni, Andreas D. Drouzas, Aristotelis C. Papageorgiou, Achilleas Tsiroukis, Ioannis Tsiropidis

Modeling vegetation types in Europe at the Last Glacial Maximum using modern analogues from Siberia Veronika Janská, Borja Jiménez-Alfaro, Milan Chytrý, Jan Divíšek, Oleg Anenkhonov, Andrey Korolyuk, Nikolai Lashchinskyi, Martin Culek

Strong niche conservatism of chasmophytes and the consequences for historical reminiscences in present day rock communities Ulrich Deil

12:15 - 13:00 SESSION 3 - Aquatic and wetland vegetation I

Chairperson: Laura Casella

Patterns of *Isoetes-Nanojuncetea* communities in the Iberian Peninsula Silvia Ribeiro, Vasco Silva, Carla Pinto-Cruz, José Carlos Costa, Maria Dalila Espírito-Santo, José António Molina, Ulrich Deil

Semi-supervised classification of Irish river vegetation – a first for Ireland Lynda Weekes, Úna FitzPatrick, Mary Kelly-Quinn

Macrophyte vegetation of rivers in Croatia Antun Alegro, Vedran Šegota, Anja Rimac, Igor Štanković

13:00- 14:15 Lunch

14:15 - 15:45 POSTER SESSION 1 and Business meeting of Vegetation Classification Working Group

15:45 - 16:30 SESSION 4 - Aquatic and wetland vegetation II

Chairperson: Rosario Gavilán

From regional to local scale: what did we learn about that habitats and adaptative abilities of charophytes? Aurélie Boissezon, Dominique Auderset Joye, Patrice Prunier

An overview of the European gravel bar vegetation Veronika Kalníková, Milan Chytrý, data contributors

Potential onset of fen-bog transitions in northern fens in response to hydrological change Teemu Tahvanainen, Timo Kumpula, Kimmo Tolonen

16:30 - 17:00 Coffee/Tea break

17:00 - 18:30 SESSION 5 - Forest vegetation classification

Chairperson: Jörg Ewald

Expert system for classification of European woodland, scrub and heathland habitats *Milan Chytrý, Lubomír Tichý, Stephan M. Hennekens, Ilona Knollová, Corrado Marcenò, Borja Jiménez-Alfaro, Pavel Novák, John A.M. Janssen, John S. Rodwell, Joop H.J. Schaminée, data contributors*

Forest Communities of the Argözü Valley in Kırıbrıcık, Bolu (Turkey) *Neval Güneş Özkan, Necmi Aksoy, Süleyman Çoban, Serdar Aslan*

Numerical syntaxonomy and biogeography of woody vegetation of Macaronesia *Jorge Capelo, José Carlos Costa, Carlos Aguiar, Salvador Rivas-Martínez*

Climate patterns matter for the classification of floodplain forests of the Iberian Peninsula *Idoia Biurrun, Itziar García-Mijangos, Mercedes Herrera, Javier Loidi, Juan Antonio Campos*

Diversity and Ecological Differentiation of Forest Vegetation in Elmacık Mountain of Duzce, Turkey *Necmi Aksoy, Suleyman Coban*

The role of minor patches in streamside forest type differentiation *Denis Mirin*

9:00 - 9:30 Invited Lecture: Francesco Spada “Anecdotal Geobotany Revisited”**9:30 - 10:30 SESSION 6 - Grassland vegetation I**

Chairperson: Wolfgang Willner

Leading ecological factors of South Ural steppe community diversity *Mariya Lebedeva, Sergey Yamalov***Coastal dune vegetation of Georgia (the Caucasus)** *Dmytro Iakushenko, Izolda Matchutadze, Alla Tokaryuk, Volodymyr Solomakha, Bulvuli Bolqvadze***Species diversity and community structure of mountain pastures – a case study from the Balkan Range** *Tsvetelina Terziyska, Desislava Sopotlieva, Camilla Wellstein, Zita Zimmermann, Gábor Szabó, James Tsakalos, Iva Apostolova, Sándor Bartha***Grasslands in the system of the biodiversity conservation of the traditional agricultural landscape of the Valdaiskiy National Park (Novgorodskaya oblast)** *Arkady Tishkov, Elena Belonovskaya***10:30 - 11:00 Coffee/Tea break****11:00 - 12:15 SESSION 7 - Grassland vegetation II**

Chairperson: Milan Chytrý

High-rank syntaxa of the dry grassland vegetation in the Central and Eastern Balkan Peninsula: a new synthesis based on a large phytosociological database *Kiril Vassilev, Milan Chytrý, Hristo Pedashenko, Svetlana Aćić, Iva Apostolova, Erwin Bergmeier, Steffen Boch, Andraž Čarni, Renata Čušterevska, Zora Dajić Stevanović, Georgios Fotiadis, Anna Ganeva, Eva Kabaš, Mitko Kostadinovski, Elez Krasniqi, Mirjana Krstivojevic Cuk, Dmitar Lakušić, Vlado Matevski, Rayna Nacheva, Chrisoula Pirini, Veselin Shivarov, Desislava Sopotlieva, Yassen Stoyanov, Lubomír Tichý, Salza Palpurina, Ioannis Tsiripidis, Michael Vrahnakis, Jürgen Dengler***Hierarchical expert system for classification of the Carpathian and Pannonian rocky steppes** *Monika Janišová, Milan Chytrý, Wolfgang Willner, Gheorghe Coldea, Norbert Bauer, data contributors***A coenological and biogeographical survey on the acidophilous and chionophilous high-altitude grasslands of the Apennines (Peninsular Italy)** *Romeo Di Pietro, Massimo Terzi, Paola Fortini***Contact between temperate (sub)alpine and oromediterranean grasslands in the southern Balkans** *Renata Čušterevska, Vlado Matevski, Mitko Kostadinovski, Andraž Čarni***Classification of Pontic-Caspian true steppe vegetation: preliminary overview** *Denys Vynokurov*

12:15 - 13:15 SESSION 8 - Habitat conservation II

Chairperson: Fabio Attorre

Red List of European Habitats: preliminary results for terrestrial and freshwater habitats *John Janssen et al.*

Endemic Plants in Red List Habitats of Europe - Assessment and First Results *Carsten Hobohm, Jan Jansen, Anika Ziemer, Joop Schamineé, John Janssen*

The Red List of Ecosystems in France: overview and outcomes of the assessment of French Mediterranean forest ecosystems, according to the IUCN methodology *Aurélien Carré, Magali Rossi, Pauline Teillac-Deschamps, Vincent Gaudillat, Guillaume Gigot*

Contribution of legacy vegetation data to Natura 2000 management planning: case study in mountain forests of the Bavarian Alps (Germany) *Jörg Ewald, Barbara Michler*

13:15 - 14:30 Lunch

14:30 - 15:45 POSTER SESSION 2 and Business meeting of Group for Phytosociological Nomenclature

15:45 - 17:15 SESSION 9 - Vegetation data, Regional studies & Bioindication

Chairperson: Camilla Wellstein

Environmental data standards and descriptive frameworks for relevés, syntaxa and habitat types *John S. Rodwell, Milan Chytrý, Stephan M. Hennekens, Joop H.J. Schaminée, data providers*

Georeferenced Vegetation Database - Sapienza: State of the art, basic statistics and future perspectives *Emiliano Agrillo, Marco Massimi, Nicola Alessi, Fabio Attorre, Vito Cambria, Michele De Sanctis, Fabio Francesconi, Franco Spada*

The Biodiversity and spatial structure analysis of Lake Baikal Eastern coast vegetation *Elena Brianskaia, Reinhard Böcker, Klaus Schmieder, Zhargalma Alymbaeva*

Vegetation series of Shebenik-Jabllanicë National Park (Albania) *Giuliano Fanelli, Michele De Sanctis., Gjeta Ermelinda, Mullaj Alfred, Fabio Attorre*

Ecological Indicator Values of Europe (EIVE) 1.0: a powerful open-access tool for vegetation scientists *Jürgen Dengler, Elisabeth Hüllbusch, Claudia Bitá-Nicolae, Milan Chytrý, Yakiv P. Didukh, Martin Diekmann, Hartmut Dierschke, Thorsten Englisch, Nikolai Ermakov, Heike Feldhaar, Anna Maria Fosaa, Dieter Frank, François Gillet, Riccardo Guarino, Stephan M. Hennekens, Mark O. Hill, Sven D. Jelaska, Borja Jiménez-Alfaro, Philippe Julve, Zygmunt Kącki, Gerhard Karrer, Michael P. Nobis, Wim A. Ozinga, Sandro Pignatti, Thomas Raus, Marcela Řezníčková, Eszter Ruprecht, Urban Šilc, Manuel J. Steinbauer, Jean-Paul Theurillat, Lubomir Tichý, Florian Jansen*

Revising Ellenberg's indicator values for continentality *Christian Berg, Erik Welk, Eckehart J. Jäger*

17:15 - 17:45 Coffee/Tea break

17:45 - 19:00 EVS Business meeting

- Reports to the Business Meeting
- Election of the new EVS Steering Committee

9:00 - 10:30 SESSION 10 - Habitat typology

Chairperson: John Janssen

Habitat complexes, a neglected part of the EUNIS habitats classification?
Douglas Evans

Interpreting the Interpretation Manual of EU Habitats: a story of confusion
Wolfgang Willner

Organization and methodological principles for updating the interpretations of the habitats of Community interest in France *Vincent Gaudillat*

Methodology for assessment and mapping of grassland ecosystems condition and their services in Bulgaria *Nikolay Velev, Desislava Sopotlieva, Iva Apostolova, Vassil Vassilev, Hristo Pedashenko, Yasen Stoyanov, Tsvetelina Terziyska, Kiril Vassilev*

Ecological Quality Classification of Greek Rivers for the implementation of WFD 2000/60/EE: establishing a National Monitoring Network of aquatic macrophyte assessment *Eva Papastergiadou, G. Dimitrellos, G. Kerametsidis, K. Kostara, K. Koutelida, P. Manolaki, D. Tsoukalas*

To be or not to be a Habitat type: a question to be solved *Laura Casella, Pierangela Angelini, Pietro Massimiliano Bianco*

10:30 - 11:00 Coffee/Tea break**11:00 - 12:00 SESSION 11 - Vegetation dynamics I**

Chairperson: Monika Janišová

Context-dependent plant traits drive fine-scale species persistence in old-growth forests *Giandiego Campetella, Enrico Simonetti, Sandor Bartha, Stefano Chelli, Camilla Wellstein, Daniele Giorgini, Nicola Puletti, Marco Cervellini, Roberto Canullo*

Long-term effect of whole-tree biomass harvesting on ground vegetation: a case study in Latvia *Linda Robalte, Liga Purina, Aris Jansons*

Vegetation cover 47 years after large-scale windstorm: case study in Latvia *Liga Purina, Inga Straupe, Liga Liepa, Mara Zadina, Aris Jansons*

Re-visiting historical semi-natural grasslands to assess shifts in species composition and functional traits and their drivers *Eleonora Giarrizzo, Sabina Burrascano, Tommaso Chiti, Francesco de Bello, Jan Leps, Laura Zavattero, Carlo Blasi*

12:00 - 13:15 SESSION 12 - Vegetation dynamics II

Chairperson: Jürgen Dengler

Predictions of primary succession pathways on alluvial sediments – possibilities and limitations *Mitja Kaligarič, Maša Ignjatović, Dani Ivajnsič, Sonja Škornik*

Classification of *Schoenus ferrugineus* communities in the eastern Baltic region and in the South Ural *Liene Aunina, Tatiana Ivchenko*

Long-term abandonment of croplands in the sub-Mediterranean climate does not lead per se to the recovery of the semi-natural herb communities deemed worthy of conservation in the EU Habitats Directive *Federico Maria Tardella, Natalia Troiani, Luca Malatesta, Karina Piermarteri, Nicola Postiglione, Carlo Ferrari, Andrea Catorci*

Metapopulation structure of halophilous flora based on long term permanent plots monitoring *Marta Lis, Agnieszka Piernik*

Is management a key factor for structure of inland saline vegetation? *Agnieszka Piernik, Piotr Hulisz, Dariusz Kamiński*

13:15- 14:15 Lunch

14:15 - 15:15 POSTER SESSION 3

15:15 - 16:00 SESSION 13 - Vegetation analysis methods

Chairperson: Borja Jiménez-Alfaro

Application of artificial intelligence in vegetation classification (an overview) *Lubomír Tichý*

Modelling pin-point cover data of complementary vegetation classes *Christian Damgaard*

Trees, forests and grasslands in Drylands: a new global approach for vegetation analysis *Chiara Patriarca, Sanchez-Paus Diaz A., Rezende M., Ricci S., Maniatis D., Bey A., Garzuglia M., Bastin J.F., Marchi G., Berrahmouni N., Abraham M.E., Aloui K., Atesoglu A., Attorre F., Bassullu C., Gonzaga Garcia L., Grainger A., Mamane B., Patterson P., Salcedo I., Surappaeva V., Laestadius L., Woldemariam T., Mollicone D.*

16:00 - 17:00 SESSION 14 - Forest vegetation diversity I

Chairperson: Ladislav Mucina

Mediterranean woody species: Ecology, potential distributions and vegetation patterns *Florian Goedecke, Ralf Jahn, Erwin Bergmeier*

Mapping of fine-resolution patterns of vascular plant species richness across European forests *Martin Večeřa, Milan Chytrý, Jan Divíšek, Ilona Knollová, data contributors*

Large vegetation database reveals contrasting levels of invasion across European woodlands *Viktoria Wagner, Milan Chytrý, Ilona Knollová, Borja Jiménez-Alfaro, Jan Pergl, Petr Pyšek, Idaia Biurrun, data contributors*

Potential distribution of beech forests communities in Greece: assembling diagnostic species potential distribution *Dimitrios Kasambalis, Spyros Tsiftsis, Ioannis Tsiripidis*

17:00 - 17:30 Coffee/Tea break

17:30 - 18:15 SESSION 15- Forest vegetation diversity II

Chairperson: Anne Bonis

Carbon sequestration in humus forms in a mediterranean forest ecosystem. evidences from an integrated study on humus and vegetation *Cristina de Nicola, Augusto Zanella, Anna Testi, Sandro Pignatti*

Spatiotemporal vegetation classification algorithm to map the spread of invasive *Robinia pseudoacacia* *Márton Tolnai, János Nagy*

Community structure influences diversity in *Quercus suber* woods *Tiago Monteiro-Henriques, Federico Fernández-Gonzalez, Emiliano Agrillo, Olivier Argagnon, Borja Jiménez-Alfaro, Nicola Alessi, Guillermo Crespo, Carlos Neto*

Structural diversity, quality and distribution of European Union importance forest habitats within lands managed by the Latvia's State Forest *Ieva Rove, Juris Zariņš, Diāna Marga, Vija Kreile*

18:15 - 19:00

- **Announcements**
- **Excursion Briefing**
- **Closing meeting**

20:00 – 23:00 Social Dinner (Casa Internazionale delle Donne, Via della Lungara, 19, Roma)

8:30-18:00 Full day excursion to National Nature Reserve "Tenuta di Castelporziano" (Guide: Francesco Spada)

A full-day excursion is planned to visit the National Nature Reserve "Tenuta di Castelporziano", the "Estate and Residence of the President of The Italian Republic". The area belongs to the European Network Natura 2000. Formerly royal Hunting Park, this 5800 hectares large area is located south of the city of Rome. It extends to the Tyrrhenian shoreline and represents the last example of an extant earlier landscape of the Roman "Campagna" before the spread of the urban areas and during the XX century.

It offers a 15 km long transect through quite well preserved woodland sites, from the sand dunes of the sea-shore to inland. Coastal stands of evergreen broadleaved Mediterranean forest and maquis, deciduous planar mixed forests and stands of temperate hygrophilous forests in periodically flooded depressions, are scattered along a well preserved zonal sequence. Large pasturelands and impressive plantations of Mediterranean pines (*Pinus pinea*), document a long history of a still traditional human impact

Meeting point for the excursion in Piazza Trilussa at 08.30 am

POSTER SESSION 1 – WEDNESDAY, APRIL 6TH

1. FLORISTIC DIVERSITY AND CONSERVATION RELEVANCE OF THE FESTUCO-BROMETEA CLASS IN SERBIA
2. PATTERNS AND PROCESSES OF LAURUS NOBILIS L. REGENERATION IN THE ITALIAN FORESTS
3. INTERPRETATION OF ANNEX I MIRE HABITATS OF THE HABITATS DIRECTIVE IN LATVIA
4. THE EFFECTS OF THE TATRA MARMOT (*MARMOTA MARMOTA LATIROSTRIS*) ON DIVERSITY OF ALPINE VEGETATION IN NATURA 2000 AREAS IN THE WESTERN CARPATHIANS
5. ARE THERE ANY DIFFERENCES IN HERB SYNUSIA BETWEEN BLACK LOCUST FORESTS GROWING ON ECOTOPES OF NATURAL HARDWOOD FLOODPLAIN FORESTS?
6. CHANGES OF SHRUBBY CINQUEFOIL *PENTAPHYLLOIDES FRUTICOSA* (L.) O.SCHWARZ CHLOROPHYLL A FLUORESCENCE DURING THE GROWTH SEASON
7. MATRIOSKA HABITAT CONCEPT: WHEN A PRIORITY HABITAT BECOMES A VALUABLE FRAMEWORK FOR OTHER HABITATS
8. HERB VEGETATION DIVERSITY AND MEADOW FLORA UNDER PROTECTION REGIME (BASED ON THE STUDY OF CENTRAL FOREST AND POLISTOVSKY NATURE RESERVES, RUSSIA)
9. A PRELIMINARY OVERVIEW OF SALICETEA PURPUREAE MOOR 1958 CLASS IN WESTERN POLISIA (UKRAINE)
10. CANADIAN POPLAR PLANTATIONS – THREAT TO SOFTWOOD FLOODPLAIN FORESTS
11. WHICH GENERALIZATION OF REPLICATION PRINCIPLE IS SUITABLE TO DEFINE BETA-DIVERSITY CONSIDERING DIFFERENCES AMONG SPECIES?
12. POTENTIAL DISTRIBUTION OF INVASIVE SPECIES *AILANTHUS ALTISSIMA* IN FOREST COMMUNITIES IN WESTERN PART OF SLOVENIA
13. CONSERVATION OF WETLANDS AND THEIR SPECIES IN ITALY: TOWARDS A HABITAT CODE UNIFICATION AMONG EU CLASSIFICATION SYSTEMS AND RAMSAR WETLAND TYPES
14. HERB VEGETATION DIVERSITY IN THE NORTH OF CENTRAL FOREST RESERVE (TVER' PROVINCE, RUSSIA)
15. NUMERICAL CLASSIFICATION OF PLANT COMMUNITIES OF ISTANBUL-BELGRADE FOREST (TURKEY)
16. SCLEROPHYLLOUS FORESTS OF THE IBERIAN PENINSULA: NUMERICAL CLASSIFICATION AND CHARACTERIZATION
17. COMPARATIVE STUDY OF OAK SEEDLINGS AND WEED VEGETATION PATTERNS IN THE FOREST STAND OF BOTANICAL GARDEN OF SZENT ISTVAN UNIVERSITY (GÖDÖLLŐ, HUNGARY)
18. DESCRIPTION OF MIXED BY WILD MAMMALS DIAGNOSTIC HORIZONS FOR SURVEYING WILD BOARS PRESSURE IN THE MEDITERRANEAN FOREST ECOSYSTEMS
19. PATTERNS AND ENVIRONMENTAL DRIVERS OF COMPOSITIONAL VARIABILITY OF THE HABITAT 6210 (*) IN THE REATINI MOUNTAINS (CENTRAL APENNINES – ITALY)
20. THE CATALOG OF VEGETATION SERIES AND GEOSERIES OF CORSICA : A REGIONAL TOOL FOR SYMPHYTOSOCIOLOGICAL KNOWLEDGE AND MANAGEMENT ISSUES
21. ECONOMIC EVALUATION OF TWO INVASIVE PLANT SPECIES - PRELIMINARY RESULTS
22. EVIDENCE FROM MULTIVARIATE MORPHOMETRIC STUDY IN THE QUERCUS PUBESCENS COMPLEX IN THE SOUTH-EAST ITALY
23. BIOTOPES OF MOUNTAIN CRIMEA
24. THE INFLUENCE OF WATER REGIME FLUCTUATIONS ON SURVIVAL POTENTIAL OF THE FEN ORCHID *LIPARIS LOESELII*
25. ECOLOGY-COENOTIC PECULIARITIES OF PIONEER VEGETATION OF UKRAINE
26. SUCCESSION OF MINEROTROPHIC MIRES AND ITS RELATIONSHIP WITH AVAILABILITY OF NUTRIENTS

27. EFFECTS OF LONG TERM DOMINANT REMOVAL ON ALPINE *FESTUCA VARIA* GRASSLAND (THE NORTHWESTERN CAUCASUS)
28. SYNTAXONOMIC POSITION AND POPULATION ECOLOGY OF *DRACOCEPHALUM AUSTRIACUM* IN PANNONIAN AUSTRIA
29. VIOLA: DATABASE OF HIGH MOUNTAIN VEGETATION OF CENTRAL APENNINES
30. INTRODUCING THE IAVS VEGETATION CLASSIFICATION WORKING GROUP (VCWG)
31. VEGETATION DATABASES AND LONG-TERM ANALYSIS OF HIGH MOUNTAIN EU HABITATS: DETECTING ECOLOGICAL AND STRUCTURAL CHANGES IN CENTRAL APENNINES
32. ENDEMIC FLORA AND VEGETATION OF NATIONAL PARK "SHARRI" IN KOSOVO: THE ROLE OF UNIVERSITY OF PRIZREN IN SUPPORT FOR SCIENTIFIC RESEARCH OF THIS AREA
33. THE NEW "VEGETATION MAP OF SICILY (ITALY)": A SYNTHETIC OVERVIEW OF THE DISTRIBUTION OF EUROPEAN HABITATS ON THE TERRITORY
34. A SNAPSHOT OF ITALY THROUGH THE LENS OF THE FIRST EUROPEAN RED LIST OF HABITATS

POSTER SESSION 2 – THURSDAY, APRIL 7TH

1. THE HABITAT MONITORING UNDER ARTICLE 17 OF THE 92/43/EEC DIRECTIVE IN ITALY: THE CONTRIBUTION OF VEGETATION SCIENCE
2. VEGETATION AND CONSERVATION STATUS ASSESSMENT IN *PLATANUS ORIENTALIS* WOODLANDS OF CRETE
3. ECOLOGICAL CHANGES CAUSED BY *EICHHORNIA CRASSIPES* IN EGYPT
4. HERBARIUM NG, COULD THIS BE THE FUTURE OF HERBARIUMS?
5. EFFECTS OF MANAGEMENT ON CHANGES IN SEMI-NATURAL DRY GRASSLANDS OF NATURA 2000 NETWORK IN HUNGARY
6. THE IMPORTANCE OF THE NATURA 2000 NETWORK FOR EUROPEAN BIODIVERSITY
7. EUROSIL – A EUROPEAN TAXONOMIC BACKBONE FOR VEGETATION DATABASES AND OTHER TAXON-RELATED DATABASES: VERSION 1.0
8. CHANGES OF SPECIES DIVERSITY ON PERMANENT PLOTS DOMINATED BY ALIENS AFTER 15 YEAR OBSERVATIONS
9. CONTRIBUTION TO THE PHYTOSOCIOLOGICAL STUDIES OF THE ADRIATIC ISLANDS: PHYTOCOENOTIC DIVERSITY OF THE CROATIAN ISLAND OF OLIB
10. MULTILEVEL FORMALIZED CLASSIFICATION OF MESIC GRASSLANDS (*ARRHENATHERETALIA*) IN POLAND
11. E-SILVA PROJECT – DIVERSITY AND DISTRIBUTION OF NATURA 2000 FOREST HABITATS IN POLAND
12. TRADITIONAL "MEADOW ORCHARDS", A NEGLECTED HABITAT TYPE WITH HIGH CONSERVATION VALUE: CASE FROM NE SLOVENIA
13. WHICH TRAITS INFLUENCE THE FREQUENCY OF PLANT SPECIES OCCURRENCE IN URBAN HABITAT TYPES?
14. LOWLAND HAY MEADOWS (6510) IN POLAND – PROBLEMS WITH IDENTIFICATION AND EVALUATION
15. TEMPORAL CHANGES IN TAXONOMIC DIVERSITY DO NOT REFLECT CHANGES IN EVERY ASPECT OF FUNCTIONAL DIVERSITY
16. DESERTIFICATION IN EGYPT
17. EXPERIMENT ON REINDEER GRAZING IMPACT ON FEN VEGETATION IN ALPINE-ARCTIC LAPLAND
18. *DIANTHUS PLUMARIUS* SUBSP. *BLANDUS* - AN ENDANGERED SPECIES IN THE NORTHERN LIMESTONE ALPS?
19. COMMUNITY OF THE *PEGANO-SALSOLETEA VERMICULATAE* BR. BL. ET DE BOLOS 1958 FROM NORTH-EASTERN PART OF BLACK SEE COASTAL

20. ESTIMATE OF ADAPTIVE CAPACITY OF PEDUNCULATE OAK (*QUERCUS ROBUR* L.) BY ANALYSING ECOLOGICAL NICHE OF THE SPECIES
21. DATABASE OF EUROPEAN SYNANTHROPIC VEGETATION
22. NUMERICAL CLASSIFICATION OF GRASSLAND VEGETATION COMMUNITIES IN EUROPEAN ATLANTIC BIOGEOGRAPHIC REGION: METHODS AND FIRST RESULTS OF A LARGE SCALE STUDY OF PHYTOSOCIOLOGICAL ALLIANCES WITH BIG DATA
23. STEPPE VEGETATION IN THE VOLGA REGION
24. EXPANSION OF FOREST VEGETATION AT UPPER TIMBERLINE IN THE NORTH PARTS OF KOZUF MOUNTAIN MASSIF IN THE REPUBLIC OF MACEDONIA
25. DIFFERENTIATION BETWEEN THE ALLIANCES SATUREJION MONTANAE HORVAT AND SATUREJO-THYMION MICEVSKI IN THE CENTRAL AND SOUTHERN PARTS OF THE BALKAN PENINSULA
26. PATTERNS OF INVASIONS IN VARIOUS TYPES OF NATURAL AND CULTIVATED FOREST HABITATS WITH RESPECT TO THEIR RESIDENCE AND INVASIVE STATUS
27. A BUNCH OF R FUNCTIONS TO ASSIST PHYTOSOCIOLOGICAL TABULATION
28. THE INFLUENCE OF CHOSEN ENVIRONMENTAL VARIABLES ON SPECIES COMPOSITION AND DIVERSITY OF RIPARIAN TALL HERB FRINGE COMMUNITIES (THE NATURAL HABITAT 6430)
29. THE TWO SUBASSOCIATIONS OF SALICI CINEREAEE – SPHAGNETUM RECURVI Soó 1955 IN HUNGARY
30. PREDICTING THE POTENTIAL SPREAD OF *ELAEOAGNUS ANGUSTIFOLIA* L. IN THE FOREST-STEPPE ECOSYSTEMS OF UKRAINE
31. FORMALIZED CLASSIFICATION OF OAK-HORNBEAM FOREST VEGETATION IN CENTRAL AND WESTERN EUROPE: THE FIRST INSIGHTS
32. NATURA 2000 WETLAND HABITATS AS ELEMENTS OF FLOODPLAIN REHABILITATION POTENTIAL
33. WETLAND HABITATS OF EU IMPORTANCE IN THE PROTECTED AREAS OF LATVIA
34. SALT GRASSLANDS ALONG THE GERMAN AND POLISH BALTIC SEA COAST. FIRST RESULTS OF A 2-YEARS VEGETATION SURVEY
35. SUCCESSION TRENDS IN WET MEADOW VEGETATION - CAN WE PREDICT THEM?

POSTER SESSION 3 – FRIDAY, APRIL 8TH

1. NUMERICAL CLASSIFICATION OF RAVINE FORESTS IN POLAND
2. DIVERSITY AND ECOLOGY OF STEPPE PETROPHYTIC COMMUNITIES IN THE MOUNTAIN ALTAI (SOUTHERN SIBERIA, RUSSIA)
3. COMMUNITIES OF THE *CAKILETEA MARITIMAE* AND *HONCKENYO PELOIDIS*–*LEYMETEA ARENARII* CLASSES ON THE SHORES OF THE RYBACHY AND SREDNY PENINSULAS (MURMANSK REGION, RUSSIA)
4. PROPOSALS FOR SURVEILLANCE SCHEME OF THE EUROPEAN PROTECTED HABITATS IN LITHUANIA
5. HABITAT REQUIREMENTS OF ENDANGERED SPECIES IN A FORMER COPPICE OF HIGH CONSERVATION VALUE
6. LAND USE HISTORY AND GRAZING EFFECT ON PANNONIC LOESS AND SALT STEPPES, SALT MARSHES
7. STUDIES ON BOTANY OF WOOD PASTURES IN THE NORTH HUNGARIAN MOUNTAINS
8. DISTRIBUTION AND COENOTIC AFFINITY OF CRITICALLY ENDANGERED *BECKMANIA ERUCIFORMIS* (L.) HOST IN CROATIA
9. PREDICTIVE MODELLING BASED ON HIGH RESOLUTION DATA IN THE ALPINE TERRAIN
10. INFLUENCE OF GEOGRAPHICAL GRADIENT ON PHOTOSYNTHESIS AND VEGETATIVE GROWTH OF PEDUNCULATE OAK (*QUERCUS ROBUR* L.) IN EUROPE UNDER DROUGHT STRESS

11. MAPPING AND PREPARATION OF MONITORING PROTOCOLS FOR PRIORITY/MINOR FOREST HABITAT TYPES (NATURA 2000) IN SLOVENIA
12. LONG-TERM MONITORING OF SPECIES-RICH SEMI-NATURAL GRASSLAND OF EUROPEAN HABITAT 6210 IN THE BIELE KARPATY MTS (SLOVAKIA)
13. COENOLOGY OF ACER CAPPADOCICUM SUBSP. LOBELII IN ITALY
14. COEXISTENCE OF ANCIENT FOREST SPECIES AS AN INDICATOR OF HIGH SPECIES RICHNESS
15. HABITATS CONDITIONS OF THE SUMMER RIVERSIDE TEROPHYTES COMMUNITIES (BIDENTETEA TIPARTITAE) IN RIVER VALLEYS OF THE WESTERN POMERANIA
16. VEGETATION COMPARISON OF DECIDUOUS WOODLAND KEY HABITATS IN MANAGED FORESTS AND PROTECTED NATURE TERRITORIES IN SOUTHERN LATVIA
17. GENERATIVE REPRODUCTION SUCCESS OF DWARF BIRCH (BETULA NANA L.) ON THE SOUTH-WESTERN LIMIT OF SPECIES DISTRIBUTION AREA
18. SAUDI VEG ECOINFORMATICS: IMPACT OF ALIEN INVASIVE SPECIES ON HABITATS AND SPECIES RICHNESS IN SAUDI ARABIA
19. ASSESSING THE SPATIAL COMPLEXITY IN A COASTAL WETLAND SITE (SOUTHERN ITALY) ACCORDING TO DIFFERENT HABITAT AND LAND COVER CLASSIFICATION SCHEMES
20. FUNCTIONAL TRAITS VARIATION IN SNOWBED PLANTS ALONG A SNOW COVER GRADIENT AS A PREDICTION OF ADAPTATION TO CLIMATE WARMING
21. GRASSLAND VEGETATION IN URBAN HABITATS
22. FLORA AND VEGETATION DIVERSITY OF KÜRE MOUNTAINS IN BARTIN, TURKEY
23. MAPPING OF HABITATS ACCORDING TO THE CLASSIFICATION OF EUNIS IN CENTRAL BALKAN RANGE, BULGARIA
24. DOMINANT TREE SPECIES AND STAND DENSITY ARE THE MAIN DRIVERS OF PLANT DIVERSITY IN MANAGED FIR-BEECH FORESTS
25. FESTUCO-BROMETEA ERECTI COMMUNITIES ON THE EDGE OF THE NORTHWESTERN RANGE
26. ROMANIAN GRASSLAND DATABASE (EU-RO-008): THE NATIONAL DATABASE FOR NON-FOREST VEGETATION OF ROMANIA
27. METHOD OF ESTIMATING PLANT SPECIES NUMBER USING SPECIES ENERGY THEORY
28. NOTE ON SYNTAXONOMY OF BROMUS ERECTUS GRASSLANDS OF EUGANEAN HILLS (NE-ITALY)
29. CHANGES IN ECOSYSTEM CARBON STOCKS IN RELATION TO NATURAL SUCCESSION: FROM SEMI-NATURAL GRASSLANDS TO ANCIENT WOODLANDS
30. PLANT COMMUNITIES OF TRADITIONAL ORCHARDS IN MYJAVSKÁ PAHORKATINA HILL LAND AND IN BIELE KARPATY MTS (SLOVAKIA)
31. DIVERSITY OF THE EUROPEAN RAVINE AND NOBLE-HARDWOOD FORESTS

Name	Surname	Country	Email addresses
Svetlana	Aćić	Serbia	acicsvetlana@gmail.com
Necmi	Aksoy	Turkey	necmiaksoy@duzce.edu.tr
Antun	Alegro	Croatia	antun.alegro@biol.pmf.hr
Nicola	Alessi	Italy	nicola.alessi@natec.unibz.it
Pierangela	Angelini	Italy	pierangela.angelini@isprambiente.it
Serdar	Aslan	Turkey	serdaraslan@ymail.com
Liene	Aunina	Latvia	lsalmina@latnet.lv
Zuzana	Ballová	Slovakia	zuzana.ballova@savba.sk
Luisa	Battista	Italy	damselfly78@gmail.com
Denisa	Bazalová	Slovakia	denisa.bazalova@savba.sk
Elena	Belonovskaya	Russia	belena53@mail.ru
Christian	Berg	Austria	christian.berg@uni-graz.at
Andrea	Bertacchi	Italy	andrea.bertacchi@unipi.it
Pietro M.	Bianco	Italy	pietro.bianco@isprambiente.it
Frédéric	Bioret	France	frederic.bioret@univ-brest.fr
Idoia	Biurrun	Spain	idoia.biurrun@ehu.es
Aurélie	Boissezon	Switzerland	aurelie.rey-boissezon@hesge.ch
Aiva	Bojare	Latvia	aiva.bojare@gmail.com
Gianmaria	Bonari	Italy	gianmaria.bonari@gmail.com
Anne	Bonis	France	anne.bonis@univ-rennes1.fr
Valentina	Borodulina	Russia	valentinka_bo@mail.ru
Liubov	Borsukevych	Ukraine	lborsukiewicz@gmail.com
Katarína	Botková	Slovakia	katarina.botkova@savba.sk
Zoltán	Botta-Dukát	Hungary	botta-dukatzoltan@okologia.mta.hu
Elena	Brianskaia	Germany	elena_brianskaia@uni-hohenheim.de
Rainer	Buchwald	Germany	rainer.buchwald@uni-oldenburg.de
Giandiego	Campetella	Italy	diego.campetella@unicam.it
Jorge	Capelo	Portugal	jorge.capelo@gmail.com
Emanuela	Carli	Italy	emanuela.carli@gmail.com
Andraž	Čarni	Slovenia	carni@zrc-sazu.si
María Laura	Carranza	Italy	carranza@animol.it
Aurélien	Carré	France	aurelien.carre@uicn.fr

Name	Surname	Country	Email addresses
Laura	Casella	Italy	laura.casella@isprambiente.it
Oxana	Cherednichenko	Russia	sciapoda@mail.ru
Milan	Chytrý	Czech Rep.	chytry@sci.muni.cz
Davide	Cicala	Italy	davide.cicala@uniroma1.it
Suleyman	Coban	Turkey	scoban@istanbul.edu.tr
Guillermo	Crespo Jiménez	Spain	guillermo.crespo@uclm.es
Edina	Csákvári	Hungary	csedina89@gmail.com
Renata	Cušterevska	Macedonia	renatapmf@yahoo.com
Szilárd	Czóbel	Hungary	czobel.szilard@mkk.szie.hu
Christian	Damgaard	Denmark	cfdbios.au.dk
Cristina M. P.	De Nicola	Italy	cristinamariapilar.denicola@uniroma1.it
Iris	De Ronde	Netherlands	iris.deronde@wur.nl
Michele	De Sanctis	Italy	michedes@gmail.com
Ulrich	Deil	Germany	ulrich.deil@biologie.uni-freiburg.de
Eva	Del Vico	Italia	eva.delvico@uniroma1.it
Pauline	Delbosc	France	paulinedelbosc@yahoo.fr
András	Demeter	Hungary	demetex@gmail.com
Jürgen	Dengler	Germany	juergen.dengler@uni-bayreuth.de
Romeo	Di Pietro	Italy	romeo.dipietro@uniroma1.it
Yakiv	Didukh	Ukraine	ya.didukh@gmail.com
Panayotis	Dimopoulos	Greece	pdimopoulos@upatras.gr
Kristine	Dokane	Latvia	kristine.dokane@lu.lv
Patrícia	Durcanová	Czech Rep.	patadurcanova@gmail.com
Mohamed	El-Sheikh	Saudi Arabia	el_sheikh_eg@yahoo.co.uk
Tatiana	Elumeeva	Russia	elumeeva@yandex.ru
Thorsten	Englisch	Austria	thorsten.englisch@v-p-n.at
Nikolai	Ermakov	Russia	brunnera@mail.ru
Alberto	Evangelista	Italy	evangelistalberto@gmail.com
Douglas	Evans	France	evans@mnhn.fr
Jörg	Ewald	Germany	joerg.ewald@hswt.de
Giuliano	Fanelli	Italy	giuliano.fanelli@gmail.com
Federico	Fernández González	Spain	federico.fdez@uclm.es
Paola	Fortini	Italy	fortini@unimol.it

Name	Surname	Country	Email addresses
Jožo	Franjić	Croatia	franjić@sumfak.hr
Scott	Franklin	USA	scott.franklin@unco.edu
Ludovico	Frate	Italy	frateludovico@gmail.com
Bekim	Gashi	Kosovo	bekim.gashi@uni-prizren.com
Vincent	Gaudillat	France	gaudillat@mnhn.fr
Rosario	Gavilán	Spain	rgavilan@ucm.es
Lorenzo	Gianguzzi	Italy	lorenzo.gianguzzi@unipa.it
Eleonora	Giarrizzo	Italia	eleonora.giarrizzo@gmail.com
Florian	Goedecke	Germany	fgoedec@gwdg.de
Neval	Günes Özkan	Türkiye	nevalgunes@duzce.edu.
Hagar	Habash	Egypt	hagar.habash@yahoo.com
Mohamed	Hatim	Egypt	mohamed.zakaria@science.tanta.edu.eg
Rense	Haveman	Netherlands	rense.haveman@wur.nl
Thomas	Haynes	Un. Kingdom	tom@naturebureau.co.uk
Judit	Házi	Hungary	hazijudit246@gmail.com
Lucia	Hederová	Slovakia	lucia.hederova@tuzvo.sk
Stephan	Hennekens	Netherlands	stephan.hennekens@wur.nl
Mercedes	Herrera	Spain	meme.herrera@ehu.es
Carsten	Hobohm	Germany	hobohm@uni-flensburg.de
Dmytro	Iakushenko	Poland	d.iakushenko@wnb.uz.zgora.pl
Ute	Jandt	Germany	ute.jandt@botanik.uni-halle.de
Monika	Janišová	Slovakia	monika.janisova@gmail.com
John	Janssen	Netherlands	john.janssen@wur.nl
Nenad	Jasprica	Croatia	nenad.jasprica@unidu.hr
Borja	Jiménez-Alfaro	Czech Rep.	borja@sci.muni.cz
Nina	Juvan	Slovenia	nina.juvan@zrc-sazu.si
Zygmunt	Kacki	Poland	zygmunt.kacki@uwr.edu.pl
Mitja	Kaligarič	Slovenia	mitja.kaligaric@um.si
Simona	Kaligarič	Slovenia	simona.kaligaric@zrsvn.si
Veronika	Kalníková	Czech Rep.	v.kalnikova@seznam.cz
Dariusz	Kaminski	Poland	dar@umk.pl
Elpida	Karadimou	Greece	elkaradi@gmail.com
Yasmine	Kashef	Egypt	yasmine.kashef@yahoo.com

Name	Surname	Country	Email addresses
Tiina	Kolari	Finland	tiinakol@student.uef.fi
Walter	Köppl	Austria	i.oberklammer@hotmail.com
Filip	Kuzmič	Slovenia	filip.kuzmic@zrc-sazu.si
Flavia	Landucci	Czech Rep.	flavia.landucci@gmail.com
Katarzyna	Lapinska	Poland	gswacha@gmail.com
Mariya	Lebedeva	Russia	lebedevamv@mail.ru
Cloé	Levointurier - Vajada	France	cloe.levointurier-vajada@univ-rennes1.fr
Marta	Lis	Poland	lismartaizabela@gmail.com
Javier	Loidi	Spain	javier.loidi@ehu.eus
Zdenka	Lososová	Czech Rep.	lososova@sci.muni.cz
Tatiana	Lysenko	Russia	ltn2000@mail.ru
Luca	Malatesta	Italy	luca.malatesta@unicam.it
Dejan	Mandžukovski	Macedonia	d_mandzukovski@yahoo.com
Jasmin	Mantilla Contreras	Germany	mantilla@uni-hildesheim.de
Diana	Marga	Latvia	d.marga@lvm.lv
Marco	Massimi	Italy	marco.massimi@hotmail.com
Anna	Mastrogianni	Greece	amastroi@bio.auth.gr
Vlado	Matevski	Macedonia	vlado.matevski@yahoo.com
Mario	Messina	Italy	mario.messina@uniroma1.it
Denis	Mirin	Russia	mirin_denis@mail.ru
Tiago	Monteiro-Henriques	Portugal	tmh@isa.ulisboa.pt
Ladislav	Mucina	Australia	laco.mucina@uwa.edu.au
Monika	Mysliwy	Poland	nikabot@univ.szczecin.pl
János György	Nagy	Hungary	nagyjano@yahoo.com
Kateryna	Norenko	Ukraine	kateryna.norenko@gmail.com
Pavel	Novák	Czech Rep.	pav.now@seznam.cz
Iris	Oberklammer	Austria	i.oberklammer@hotmail.com
Adrienne	Ortmann-Ajkai	Hungary	aadrienn@gamma.ttk.pte.hu
Kalina	Pachedjjeva	Bulgaria	kalina.pachedjjeva@gmail.com
Mara	Pakalne	Latvia	mara.pakalne@lu.lv
Francesca	Pani	Italy	francescapani5@gmail.com
Eva	Papastergiadou	Greece	evapap@upatras.gr
Chiara	Patriarca	Italy	chiara.patriarca@fao.org

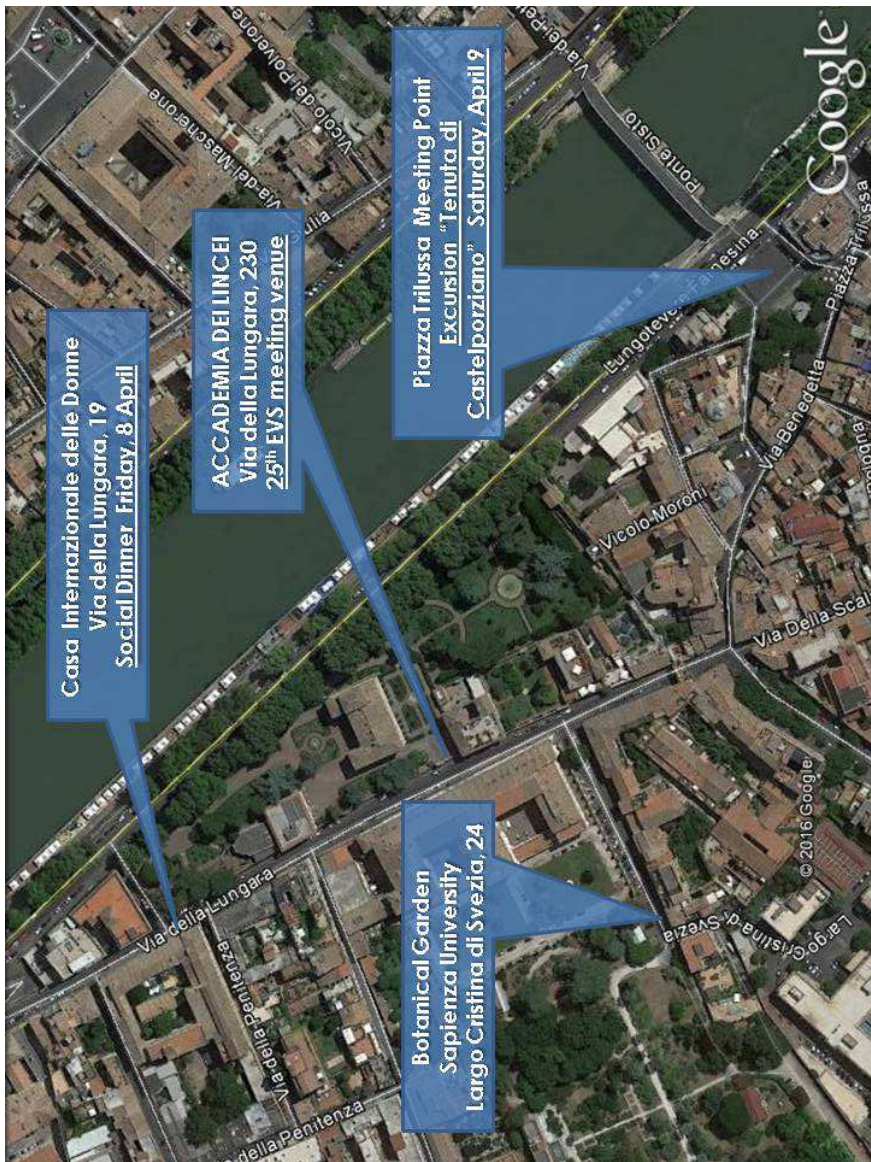
Name	Surname	Country	Email addresses
Ricarda	Pätsch	Germany	ricarda.paetsch@gmail.com
Franco	Pedrotti	Italy	franco.pedrotti@unicam.it
Mária	Petrášová	Slovakia	maria.petrasova@savba.sk
Remigiusz	Pielech	Poland	remekpielech@gmail.com
Agnieszka	Piernik	Poland	piernik@umk.pl
Sandro	Pignatti	Italy	sandro.pignatti@gmail.com
Emilia	Poli Marchese	Italy	epolimar@unict.it
Mariya	Polyakova	Russia	galatella@mail.ru
Ksenia	Popova	Russia	asarum@mail.ru
Richard	Pott	Germany	pott@geobotanik.uni-hannover.de
Līga	Purina	Latvia	liga.purina@silava.lv
Valerijus	Rašomavičius	Lithuania	valerijus.rasomavicius@botanika.lt
Sílvia	Ribeiro	Portugal	silvia.sbenedita@gmail.com
Linda	Robalte	Latvia	linda.robalte@inbox.lv
John	Rodwell	Un. Kingdom	johnrodwell@fiscali.co.uk
Jan	Roleček	Czech Rep.	honza.rolecek@centrum.cz
Ieva	Rove	Latvia	i.rove@lvm.lv
Dénes	Saláta	Hungary	salata.denes@mkk.szie.hu
Eszter	Saláta-Falusi	Hungary	falueci@gmail.com
Dávid	Sarlós	Hungary	sarlisd@gmail.com
Andrea	U. Savoia	Italy	andrea.ubrisky-savoia@uniroma1.it
Joop	Schaminée	Netherlands	joop.schaminee@wur.nl
Angelika	Schwabe-Kratochwil	Germany	schwabe@bio.tu-darmstadt.de
Vedran	Šegota	Croatia	vedran.segota@biol.pmf.hr
Krunoslav	Sever	Croatia	ksever@sumfak.hr
Jozef	Šibík	Slovakia	jozef.sibik@savba.sk
Urban	Šilc	Slovenia	urban@zrc-sazu.si
Iveta	Škodová	Slovakia	iveta.skodova@savba.sk
Željko	Škvorc	Croatia	skvorc@sumfak.hr
Desislava	Sopotlieva	Bulgaria	desislava.sopotlieva@iber.bas.bg
Marta	Sperandii	Italy	mg.sperandii@gmail.com
Julie	Steffen	Switzerland	julieluciole@gmail.com
Edyta	Stepien	Poland	ditta@univ.szczecin.pl

Name	Surname	Country	Email addresses
Linda	Strode	Latvia	linda.strode@nbd.gov.lv
Grzegorz	Swacha	Poland	gswacha@gmail.com
Teemu	Tahvanainen	Finland	teemu.tahvanainen@uef.fi
Rosalba	Tamburro	Italy	rosalba.tamburro@uniroma1.it
Federico M.	Tardella	Italy	dffederico.tardella@unicam.it
Massimo	Terzi	Italy	massimo.terzi@ibbr.cnr.it
Tsvetelina	Terziyska	Bulgaria	ts.terziyska@gmail.com
Anna	Testi	Italy	anna.testi@uniroma1.it
Riccardo	Testolin	Italy	riccardo.testolin@gmail.com
Gilles	Thébaud	France	gilles.thebaud@univ-bpclermont.fr
Jean-Paul	Theurillat	Switzerland	jean-paul.theurillat@unige.ch
Siegmar	Thomas	Germany	siegmar.thomas@mailbox.tu-dresden.dex
Lubomír	Tichý	Czech Rep.	fichy@sci.muni.cz
Arkady	Tishkov	Russia	fishkov@biodat.ru
Márton	Tolnai	Hungary	martontolnai.geo@gmail.com
Valeria	Tomaselli	Italia	valeria.tomaselli@ibbr.cnr.it
Rita	Tonin	Italy	rita.tonin@natec.unibz.it
Béla	Tóthmérés	Hungary	tothmerb@gmail.com
Ioannis	Tsiripidis	Greece	tsiripid@bio.auth.gr
Bilge	Tunçkol	Turkey	btunckol@bartin.edu.tr
Rossen	Tzonev	Bulgaria	rossentzonev@abv.bg
Karol	Ujházy	Slovakia	karol.ujhazy@tuzvo.sk
Mariana	Ujházyová	Slovakia	ujhazyova@tuzvo.sk
Domas	Uogintas	Lithuania	domas.uogintas@botanika.lt
Milan	Valachovič	Slovakia	milan.valachovic@savba.sk
Katarína	Vantarová	Slovakia	katarina.hegedusova@savba.sk
Kiril	Vassilev	Bulgaria	kiril5914@abv.bg
Martin	Večeřa	Czech Rep.	martinvec@seznam.cz
Nikolay	Velev	Bulgaria	nvelev@bio.bas.bg
Sergei	Venevsky	China	veneovsky@tsinghua.edu.cn
Daniele	Viciani	Italy	daniele.viciani@unifi.it
Maria Cristina	Villani	Italy	mariacristina.villani@unipd.it
Denys	Vynokurov	Ukraine	phytosocio@ukr.net

Name	Surname	Country	Email addresses
Viktoria	Wagner	Czech Rep.	wagner@sci.muni.cz
Lynda	Weekes	Ireland	lweekes@biodiversityireland.ie
Camilla	Wellstein	Italy	camilla.wellstein@unibz.it
Lionel	Wibail	Belgium	lionel.wibail@spw.wallonie.be
Wolfgang	Willner	Austria	wolfgang.willner@vinca.at
Monica	Zanini	Italy	monica.zanini@uniroma1.it
Stefan	Zerbe	Italy	stefan.zerbe@unibz.it
Dominik	Zukal	Czech Rep.	dominikzukal@gmail.com

ACCOMPAYNING PERSON

Name	Surname	Country
Andela	Ačić	Serbia
Doroteja	Čarni	Slovenia
Deanna	Franklin	USA
Alessandro	Garramone	Italy
Nina	Kirchhoff	Germany
Anselm	Kratochwil	Germany
Alena	Lososová	Czech Rep.
Matija	Mastnak	Slovenia
Olivera	Matevska	Macedonia
Dagmar	Mucina	Slovakia
Erika	Pignatti	Italy
Rosemary	Rodwell	United Kingdom
Jan	Rutkiewicz	Poland
Robert	Škoda	Slovakia
Inès	Teetaert	France
Nikolina	Tesla	Croatia
Peter & Lukáš	Vantara	Slovakia
Irina	Venevskaya	Germany





Organised by:

Dept. Environmental Biology - Sapienza University of Roma

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Società Botanica Italiana - Italian Botanical Society

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Accademia dei Lincei

Organising Committee:

- Fabio Attorre - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- Emiliano Agrillo - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- Francesco Spada - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- Sandro Pignatti - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- Consolata Siniscalco - Italian Botanical Society, Firenze (IT)
- Laura Casella - ISPRA, Institute for Environmental Protection and Research, Roma (IT)

Scientific Committee:

- Fabio Attorre - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- Erwin Bergmeier - Dept. Vegetation & Phytodiversity Analysis, University of Göttingen (DE)
- Francesco Spada - Dept. of Environmental Biology, University "La Sapienza", Roma (IT)
- John Rodwell - Ecological Consultant, Lancaster (UK)
- Joop Schaminée - Nature Conservation and Plant Ecology Gr., Wageningen Univ.(NL)
- Milan Chytrý (EVS secretary) - Dept. of Botany and Zoology, Masaryk University, Brno (CZ)
- Rosario Gavilán - Dept. of Vegetation Biology II, University of Madrid (ES)
- Wolfgang Willner - Vienna Institute for Nature Conservation and Analyses, Vienna (AT)



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