



19th International Workshop of European Vegetation Survey

„Flora, Vegetation, Environment and Land-use at Large Scale”

27 April – 02 May, 2010 University of Pécs, Hungary

Programme



Tuesday, April 27

Pre-excursion day

- 9.00- Departure from Budapest
 9.00: Hunguest Hotel Platanus (Könyves Kálmán krt. 44.)
 9.15: Hotel Tulip Inn Budapest Millennium (Üllői út 94-98.)
 10.00-18.30 Visit to the Buda Mts
 19.00 Arrival to Kerekegyháza
 (supper and accomodation in Varga tanya)

Wednesday, April 28

Pre-excursion day

- 8.00-19.00 Visit to Kiskunság National Park and arrival to Pécs

Thursday, April 29

19th EVS Workshop, Pécs

- 9.00- **Registration**
 Main Building, 1st Floor
- 10.00-10.30 **Opening Ceremony**
 Conference Hall – Main Building, 1st Mezzanine
- 10.30-12.00 **Session 1 – Large-scale studies I**
 Conference Hall, Chair: *Chytrý M.*
Using large-scale vegetation databases to detect temporal changes in species composition of vegetation types
Jandt U., Bruelheide H.
How flora changes when management alters: half-century records from Estonia
Kana S., Otsus M., Sammul M.
Alpine vegetation in Scotland and Ukraine: processes and changes in the past five to seven decades
Hédl R., Ross L.C., Šebesta J.
Species composition of cereal fields under different environmental conditions and management regime in Central Italy
Pál R., Pinke G., Campetella G., Bartha S., Kalocsai R., Lengyel A.
- 12.00-13.00 **Poster Session 1** – Main Building, 2nd – 4th Floor
- 13.00-14.00 *Lunch* – Dining Hall *
- 14.00-15.30 **Session 2 – Large-scale studies II**
 Conference Hall, Chair: *Ewald J.*
Diversity-productivity relationship in temperate forests
Axmanova I., Chytrý M.

Dispersal limitation of European beech forest species: what phytosociological data tell us about post-glacial migration

Willner W., Di Pietro R., Bergmeier E.

Relative importance of propagule pressure and land use to the level of invasion in different non-forest habitats

Botta-Dukát Z., Bölöni J., Horváth F., Molnár Zs.

A comparison of two sampling schemes in phytosociology – preferential and stratified random
Michalčová D.

15.30-16.00 *Coffee break* – Main Building, 1st Mezzanine

16.00-17.20 **Session 3 – Large-scale studies III**

Conference Hall, Chair: *Apostolova, I.*

Assessing the spatio-temporal variability in the community structure of sand grasslands

Bartha S., Horváth A., Kertész M., Molnár Zs., Campetella G., Kröel-Dulay Gy., Rédei T., Ruprecht E., Házi J., Szentes Sz., Molnár E., Schmidt D., Virágh K., Kovács-Láng E.

Bioclimatic interpretation of habitat distribution in a hilly landscape of the Pannonian Ecoregion

Salamon-Albert É., Ortmann-Ajkai A., Morschhauser T., Horváth F.

Modelling the potential distribution of the main forest types of Italy

Attorre F., Francesconi F., Rosenkranz R., Valenti R., Bruno F.

Concept for monitoring restoration of floodplain forest on the Danube

Ewald J., Lang P.

17.20-17.35 *Coffee break* – Main Building, 1st Mezzanine

17.35-19.15 **Session 4 – Large-scale studies IV**

Conference Hall, Chair: *Rodwell J. S.*

Hot-spots of glacial relict plants in Central Balkan Range and in Rila Mts

Apostolova I., Meshinev T., Sopotlieva D., Velev N., Pedashenko H., Vasilev K.

Classification and ordination of northern boreal and swamp forests in the West Siberian plain

Ermakov N.

An annotated geographical checklist of the Italian syntaxa

Spada F., Pignatti S., Attorre F., Cutini M., Paura B., Casella L., Agrillo E.

Phytodiversity of high mountain pastures and hay meadows in the Greater Caucasus, Azerbaijan

Etzold J., Münzner F., Manthey M.



19.15-19.40	Excursion briefing – Conference Hall	15.00-16.00	Session 7 – Floodplain vegetation III Conference Hall, Chair: <i>Podani, J.</i> Microregional vegetation pattern of the floodplains of the Great Hungarian Plain on the sample areas of Csongrád county <i>Deák Á.J.</i> Structure and species composition of pastured alluvial forests along the Kura River in Azerbaijan (Caucasus) <i>Peper J.</i> Landscape history and vegetation dynamics by the river Tisza, Hungary <i>Varga A., Biró M., Türke I.J., Horváth D.</i>	10.00-11.00	<i>Coffee break</i> – Main Building, 1 st Mezzanine Poster session 3 – Main Building, 2 nd – 4 th Floor
	Friday, April 30 Mid-excursion day			11.00-12.00	Session 10 – Indicator values II Conference Hall, Chair: <i>Borhidi, A.</i> Diversity responses to management intensity in beech coppices in central-Appennines (Italy) <i>Garadnai J., Campetella G., Canullo R., Gimona A., Angelini E., Cervellini M.</i> Correlations between the Ramensky's scales estimations for forest communities and measured ecological site parameters <i>Neshataev V.</i> Assessing the impacts of environmental change on Scottish upland vegetation using species attribute analysis <i>Ross L.C., Woodin S.J., Hester A.J., Thompson Des B.A., Birks H.J.B.</i>
8.00	Departure: Hotel Laterum – Parking lot				
8.00-17.00	Trip to the Eastern Mecsek and Villány Hills				
17.00	Arrival to Pécs (Hotel Laterum)				
19.00-22.00	<i>Garden Party in the Botanical Garden</i>				
	Saturday, May 1 19 th EVS Workshop, Pécs				
9.30-10.30	Session 5 – Floodplain vegetation I Conference Hall, Chair: <i>Spada F.</i> Floodplain forests of the Kamchatka Peninsula (Russian Far East) and their dynamics <i>Neshataeva V. Yu.</i> Floodplain forests along the Mura river in Slovenia <i>Čarni A., Košir P., Marinšek A., Šilc U.</i> Ecology and regeneration of alluvial forest communities in Northwestern Azerbaijan <i>Manthey M., Zimmermann M.</i>	16.00-16.30	<i>Coffee break</i> – Main Building, 1 st Mezzanine		
		16.30-17.30	Session 8 – Floodplain vegetation IV Conference Hall - Chair: <i>Čarni A.</i> The aquatic vegetation of the Danube River's basin in Bulgaria – classification, ecological peculiarities and problems <i>Tzonev R., Šumberová K.</i> (Sub-)regional distribution pattern and phytocoenological scale of a (sub-) cosmopolitan aquatic species: <i>Wolffia arhiza</i> in Poland <i>Stachnowicz W.</i> Species competitive responses along flooding gradient <i>Merlin A., Bouzillé J.B., Bonis A.</i>		
10.30-11.00	<i>Coffee break</i> – Main Building, 1 st Mezzanine			12.00-	Closing Ceremony – Conference Hall
11.00-12.00	Session 6 – Floodplain vegetation II Conference Hall, Chair: <i>Bartha, S.</i> Grasslands communities structure varies with flooding regime and management. Example from the low Loire Valley (France) <i>Bonis A., Bouzillé J.B., Lafage D.</i> Environmental factors influencing the formation of vegetation in middle-sized streams in Latvia <i>Grinberga L.</i> The influence of climatic conditions to distribution of floodplain vegetation in the Forest and Forest-Steppe zones of the plain part of Ukraine <i>Kuzemko A.</i>	17.30-	<i>EVS Business Meeting</i> – Conference Hall		
			Sunday, May 2 19 th EVS Workshop, Pécs		
		8.00-	Administration desk – Main Building, 1 st Floor (lunch boxes* are also available here)		
		9.00-10.00	Session 9 – Indicator values I Conference Hall, Chair: <i>Botta-Dukát, Z.</i> Using Ellenberg indicator values to classify vegetation <i>Roleček J., Kintrová K., Zelený D.</i> Changes in Ellenberg indicator values after 65 years of fertilizer application in a grassland: real trends versus artefacts <i>Chytrý M., Hejcman M., Hennekens S.M., Schellberg J.</i> Effect of species number and ecological tolerance on bioindication with Ellenberg indicator values <i>Tichý L., Chytrý M., Hájek M.</i>		
12.00-13.00	<i>Lunch</i> – Dining Hall *				
13.00-14.30	Poster Session 2 – Main Building, 2 nd – 4 th Floor				
14.30-15.00	SYN-TAX 2000. Computer programs for ecological data analysis - a short introduction Conference Hall, <i>Podani J.</i>				

*In accordance with preliminary orders

Posters: Flora, vegetation and environment at large-scale

LP-1 Seed bank composition as an indicator of land use disturbance and resilience of small wetland vegetation in East Africa

Alvarez M., Möselers B.M., Handa C., Mogha N., Becker M.

LP-2 Assessment of spatial distribution, composition and structure of forest plantations in the south-western part of Moscow region

Antonova O., Tikhonova E., Chemenkova T., Kozlov D.

LP-3 Syntaxonomical checklist of weed communities of the Ukraine: class *Stellarietea mediae*

Bagrikova N.A.

LP-4 Correlation between recent seed assemblages and vegetation in spring fens

Božková J., Hájková P.

LP-5 Why the verges of the Great Hungarian Plain have great importance to nature conservation

Csathó A.I.

LP-6 Syntaxonomic studies on the ruderal plant communities in Óbuda and Békásmegyer

Dancza I.

LP-7 The use of the Markov Chain Model based on monitoring for the stand growth prognosis

Dobrovolsky A.

LP-8 Land-use change and repeated vegetation mapping in abandoned vineyards in the Western-Cserhát

Házi J., Bartha S., Szentes Sz., Ádám Sz., Saláta D., Kenéz Á., Penksza K.

LP-9 Website of a country-wide vegetation mapping program - MÉTA-database in Hungary

Horváth F., Molnár Zs., Biró M., Bölöni J., Botta-Dukát Z., Czúcz B., Oláh K., Krasser D.

LP-10 Forb fringes and forest edge communities (class *Trifolio-Geranietea sanguinei* Th. Müller 1962) in the western part of Ukraine

Iakushenko D.

LP-11 The impact of land use history on ground vegetation in lowland woodlands - a case study from the Elbe Basin, Czech Republic

Klínerová T., Hédl R.

LP-12 Controls of vegetation change in abandoned coppice-with-standards

Kopecký M., Hédl R.

LP-13 Coenological differentiation of *Peucedanum* species (sect. *Peucedanum*) stands in the Carpathian Basin

Kovács A.J.

LP-14 The comparative analysis of the influence of different environmental factors on the species richness of South Ural forest communities

Martynenko V.B., Mirkin B.M.

LP-15 Is top soil removal a possible way for restoration of Pannonian saline habitats?

Melečková Z., Dítě D., Galvánek D., Eliáš P.Jun., Švada R.

LP-16 The ornamental, aromatic and edible vegetal species from Lapus region (Transilvania)

Mihalescu L., Vosgan Z., Rosca O.M., Danci O.

LP-17 A new source of information for vegetation science: traditional ecological knowledge of herdsmen in an alkali landscape (Hortobágy, Hungary)

Molnár Zs., Hoffmann K.

LP-18 Importance of germination success in plant invasion

Nagy D., Fekete Cs., Tóth B., Pál R.

LP-19 State of naturalness and degree of degradation in andesite slope steppes of the Börzsöny Mountains

Nagy J., Sipőcz P., Hufnagel L.

LP-20 What factors are responsible for variable species richness of *Cirsio-Brachypodium* grasslands in the Czech Republic?

Otýpková Z., Merunková K.

LP-21 Comparative analysis of arable weed flora of different crops in Southwestern Hungary

Henn T., Pál R.

LP-22 Changes in occurrence and distribution pattern of wet meadows (Molinion Koch 1926) in NE Slovenia

Paušič A., Somodi I., Čarni A.

LP-23 Ecological investigation of habitat 7220 *Petrifying springs with tufa formation (Cratoneuron) in NATURA 2000 site Lozenska Mt. (Bulgaria)

Pedashenko H., Yurukova L., Meshinev T., Benderev A., Vassilev K.

LP-24 The experience of identification and mapping of biologically valuable forests in the Murmansk region

Pesterov A.O., Neshatayev V.Yu.

LP-25 Nature management: is there any impact on vegetation structure? Lithuanian example

Rašomavičius V.

LP-26 Robinia pseudacacia distribution patterns in NE Slovenia

Ribeiro D., Somodi I., Čarni A.

LP-27 Changes of ecological behaviour of plant species: weed vegetation in NW-SE Balkan gradient

Silc U.

LP-28 Thermophilous beech forests on Slavonian hills (Croatia)

Skvorc Z., Franjic J., Krstonosic D., Sever K., Horvat G.

LP-29 Two plant association of alliance *Trifolion resupinati* in Bulgaria

Sopotlieva D.

LP-30 Dispersal of wetland plant species within the pond systems and its relationship to vegetation

Šumberová K., Ducháček M.

LP-31 Morphological and molecular genetic traits of the Hungarian Bear's Ear (*Primula hungarica* Borbás 1895 s.ampl.)

Szabó I. L., Kercksmár V., Poczai P., Teller J.

LP-32 Land-use changes and habitat fragmentation in the northwestern part of the Great Hungarian Plain in the last two centuries

Tatár S., Biró M., Sándor Cs., Ercsényi M., Milutinovits L.

LP-33 Weed assemblages in former sunflower, cereal and alfalfa fields in the Hortobágy, Hungary

Tóthmérész B., Kelemen A., Lengyel Sz., Török P.

LP-34 Land Use and Vegetation types of the *Pinus brutia* forests in Turkey

Ugurlu E.

LP-35 Reforestation after clear-cutting of taiga spruce forests: ecological outcomes, successions and pathways

Ulanova N.G., Logofet D.O., Belova I.N.

LP-36 Threatening factors of the swamp forest of Ócsa

Vadassy R.

LP-37 Phytogeographical diversity of dry acidophilous pine forests in Central Europe

Valachovič M., Dingová A., Petrášová A.

LP-38 Opening up the forest canopy: The change of understorey vegetation after 10 years

Vild O., Roleček J., Hédl R., Utinek D.

LP-39 Inter-seasonal changes of Central European vegetation

Vymazalová M.

LP-40 The reintroduction of the micro-flora biodiversity sterile waste dumps

Vosgan Z.M., Garboan A., Ionce G.A., Boltea D.

LP-41 *Menyantho-Sphagnetum teretis* Warén 1926 – a post-glacial relic of tundra landscape on a mesotrophic peatbog in Poland

Wojterska M., Stachnowicz W.

LP-42 The relationship between specific vegetation, selected species and climatic inversion in the Czech sandstone landscape

Zmeskalova J., Wild J.

LP-43 The South-East European Dry Grassland Group (SEEDGG) and its supranational vegetation database: project, overview of available data and first analyses

Apostolova I., Bița-Nicolae C., Dengler J., Janišová M., Kuzemko A., Paulini I., Pedashenko H., Sorokin, A.

LP-44 The World Index on Plot-Based Vegetation Databases – project and meta-analysis of available data

Dengler J., Ewald J., Finckh M., Jansen F., Peet R. K.

LP-45 European Dry Grassland Group (EDGG) – join the network of dry grassland researchers and conservationists

Dengler J., Janišová M., Rūsiņa S., Vrahnakis M. S.

Posters – European rivers and floodplains

FP-1 Invasion alien plants in floodplain communities of South Urals

Abramova L.

FP-2 The structure and dynamics of West Siberian floodplain forests

*Gleb Kukurichkin
Babyuk S.*

FP-3 Habitat studies along the Mura River

Bódis J., Szeglet P., Szabó I.L.

FP-4 Correlation between species composition and CO₂ fluxes of floating aquatics

Czöbel Sz., Németh Z., Szirmai O., Valkó D.

FP-5 Assessing the functional role of vegetation communities in relation with the otter population natural expansion in Italy.

D'Alessandro E., Paura B., Carranza M.L., Saura S., Loy A.

FP-6 Chlorophyll fluorescence change of *Sphagnum* species during drying and rehydration

Fogarasi G.Á., Nagy J., Rabnecz Gy., Csintalan Zs.

FP-7 Changes in the active floodplain vegetation of the Szigetköz

Hahn I., Gergely A., Barabás S.

FP-8 Aquatic plant communities in Slovakia: a recent status

Hrivnák R., Oľahelová H., Kochjarová J., Dúbravková D.

FP-9 Hygrophilous vegetation along the Irmio river (Southern Italy)

Inclimona W., Poli Marchese E.

FP-10 Flora, vegetation and landscape of grasslands in Ziemia Lubuska (Western Poland) - diversity, threats and landuse changes

Jermaczek-Sítak M.

FP-11 Phytocoenological investigation of Hungarian hygro- and mesophilous forests along the Danube and Drava river

Kevey B., Csete S., Tóth I., Lengyel A., Purger D., Csiky J.

FP-12 Spruce Forests of River Valleys of Central Kamchatka, Russian Far East

Korablev A.

FP-13 Vegetation of valleys of saline rivers in Middle and Lower Volga regions (Russia)

Lysenko T.

FP-14 Experiences of the complex survey of a degraded forest-steppe relict in the Great Hungarian Plain

Majláth I.

FP-15 Forest management effects on understory, a case study along Raba River

Mesterházy A., Bartha D.

FP-16 The research of the connection between geomorphology, soils and vegetation in a secondary saline floodplain

(Hódmezővásárhely, Nagysziget)

Nagy E., Deák Á.J.

FP-17 Data to the flora and vegetation of Jászság microregion (Hungary)

Nagy J.Gy., Tóth Zs., Fogarasi G., Cserhalmi D.

FP-18 The flora and vegetation of the Hungarian Bodrogek

Nagy J.Gy., Tuba Z.†, Szirmai O., Czöbel Sz., Gál B., Cserhalmi D., Ürmös, Zs., Szerdahelyi T., Fogarasi G. Marschall Z., Tóth Zs.

FP-19 Green corridors or degradation routes - effects of waterside habitats on landscape health

Ortmann-Ajkai A., Horváth F.

FP-20 Long-term changes of structure of aquatic macrophyte vegetation and landscape patterns in Danube floodplain lake (Čičovské mŕtve rameno, Slovakia)

Oľahelová H., Oľahel J., Pazúr R., Hrivnák R., Valachovič M.

FP-21 Hygro- and Meso-hygrophyte Vegetation in Eninska River Basin, Central Stara Planina Mountain

Pachedjjeva K.L.

FP-22 The riparian vegetation of Biferni river (Molise, Southern Italy)

Paura B., D'Alessandro E., Salerno G., Presti G.

FP-23 Diversity of the Floodplain Forests in Southern Moravia (Biosphere Reserve Lower Morava) with Reference to Forest Management

Šebesta J., Řepka R., Maděra P.

FP-24 Floodplain vegetation of Southern-Western Nechernosemje of Russia

Semenishchenkov Y.A.

FP-25 Syntaxonomical analysis of the floodplain forests on the Southern Ural Region

Shirokikh P.S., Martynenko V.B.

FP-26 Vegetation of fallows in Volga river delta I.

Sorokin A., Ivakhnova T., Golub V.

FP-27 Vegetation of fallows in Volga river delta II.

Starichkova K., Barmin A., Iolin M., Sharova I., Nikolaychuk L., Golub V.

FP-28 Detecting river habitat quality through animal and plant biondicators

Testi A., Guidotti S., D'Angeli D., Fanelli G., Castigliani V.

FP-29 Saline ecotope vegetation of large river valleys in the southeastmost Europe

Yuritsyna, N. A.

Posters – Use and abuse of ecological indicator values

IP-1 Long-term of space and time variation in the population dynamics of *Libanotis pyrenaica* in abandoned and managed calcareous grasslands

Baĝa W.

IP-2 Ecological classification of the vegetation mosaics in the central Appennines (Italy) by three biondication models: Ellenberg's indicators, Hemeroby index, Grime strategies

D'Angeli D., Fanelli G., Testi A.

IP-3 Synphytoindication method of biotopes' ecological factors evaluation in Ukraine

Didukh, Ya.P.

IP-4 Pressures and threatening on the species and habitats located in area NATURA 2000 Iğniş, Maramureş County Region 6 North West

Glodean I., Iancu V.

IP-5 EIV in zoological research: an example of mollusc assemblages along a moisture gradient from fens to grasslands

Hettenbergerová E., Chandran R., Horsák M., Hájek M.

IP-6 Nutrient concentrations in *Sphagnum capitula* as indicators of nutrient availability to bog plants

Jiroušek M., Hájek M.

IP-7 The differentiation of floristic composition of ruderal vegetation along main environmental gradients

Kompala-Baĝa A.

IP-8 The phytoremediation potential of native versus non-native wood species in tailing ponds

Marian M., Nicula C., Mihaly-Cozmuta L., Peter A., Mihaly-Cozmuta A.

IP-9 Study regarding the heavy metals traceability in soil - mellifer plant chain

Mihaly-Cozmuta A., Bretan L., Marian M., Mihaly-Cozmuta L., Nicula C., Peter A., Boltea D.

IP-10 Growth dynamics and bioaccumulation potential of *Quercus petraea* on polluted land enhanced with ionic exchanges

Mihaly-Cozmuta L.M., Peter A., Nicula C., Marian M., Mihaly-Cozmuta A.M.

IP-11 Study regarding the metals bioaccumulation in different vegetal species

Mihaly-Cozmuta L., Marian M., Mihaly-Cozmuta A., Nicula C., Peter A.

IP-12 Ecological indicators vs. manipulation - an ex situ case study on selected weed taxa

Németh Z., Czöbel Sz.

IP-13 Adaptive mechanisms of plants grown in agrocenoses prone to pollution with heavy metals

Nicula C., Marian M., Mihaly-Cozmuta L., Peter A., Mihaly-Cozmuta A.

IP-14 Role of the bentonite and microbiota mix to restore vegetation on polluted sites

Peter A., Mihaly-Cozmuta L.M., Nicula C., Marian M., Ladiu I., Mihaly-Cozmuta A.M.

IP-15 Role of the zeolite and microbiota mix to restore vegetation on polluted sites

Peter A., Mihaly-Cozmuta L.M., Nicula C., Marian M., Mihaly-Cozmuta A.

IP-16 Effects of environmental factors on arable weed species composition in western Hungary

Pinke Gy., Pál R., Botta-Dukát Z.

IP-17 Evaluation of actual state and management of selected small-scale specially protected areas within the competence of the Administration of Pálava PLA (Czech Republic)

Rejžek M.

IP-18 Development of regional indicator values for south border of boreal ecotone

Shagiev Bulat R., Rogova T.V.

IP-19 Vegetation-environmental relationships in deciduous forests - study from volcanic part of central Slovakia

Slezák M.

IP-20 Characterization of different *Brachypodium* dominated stands in NE Hungary based on ecological indicator values

Szirmai O., Czöbel Sz.