

PLANT PRODUCTION RESEARCH CENTER PIEŠŤANY



GRASSLAND AND MOUNTAIN AGRICULTURE RESEARCH INSTITUTE BANSKÁ BYSTRICA



ECOSYSTEMS AND THEIR FUNCTIONS

Scientific Conference

of the EU Project

“Grassland Management Handbook – Ungulate Game and Favourable Welfare Conditions for Black Grouse in Alpine Areas”

16 – 18 October, 2012

Banská Bystrica, Slovakia

2nd Announcement



Agentúra
Ministerstva školstva, vedy, výskumu a športu SR
pre štrukturálne fondy EÚ

Podporujeme výskumné aktivity na Slovensku. Projekt je spolufinancovaný zo zdrojov EÚ.

Sectoral Operational Programme Research and Development;
ASFEU – Agency for the Structural Funds of EU; European Regional Development Fund;
„We support research activities in Slovakia. /This project is co-funded by the EU sources.”

SCIENTIFIC PROGRAMME
SESSION 1: GRASSLAND ECOSYSTEM FUNCTIONS

ORAL PRESENTATIONS

J. Kvapilík, A. Kohoutek

The use of European grasslands by ruminant livestock

P. Sabo, E. Uhliarová, I. Turisová, D. Hladká, M. Sabo, T. Lepeška

Ecological integrity assessment as a key tool for evaluation of ecosystem services capacity

B. Grygierzec

Contents of macro and microelements in hay from the extensively used *Alopecuretum pratensis* and *Holcetum lanati* meadows

A. Kohoutek, P. Komárek, P. Nerušil, V. Odstrčilová, P. Němcová, F. Hrabě, L. Rosická, P. Knot, J. Kvapilík, P. Chalupová, J. Kašparová, P. Šrámek, M. Jiříč, T. Jiříčová, J. Pozdíšek, M. Štýbnarová, M. Svozilová, V. Černochoch, I. Houdek

Effects of intensity of fertilisation and cutting frequency on yield and forage quality of permanent grassland in the Czech Republic from 2003 to 2011

P. Komárek, P. Nerušil, A. Kohoutek, V. Odstrčilová

The effect of repeated direct sowing of grass-legume seed mixtures into grasslands on forage production and quality

POSTER PRESENTATIONS

M. Kasperczyk, P. Kacorzyk, J. Szkutnik

Influence of fertilization on the nutritional value of pasture

B. Chourkova

Biochemical characterisation of species and populations birdsfoot trefoil (*Lotus corniculatus* L.) grown in the region of Troyan

B. Grygierzec

Fodder value of hay from extensively used *Arrhenatheretum elatioris typicum* community

D. Stamenov, M. Jarak, S. Đurić, T. Hajnal-Jafari

Microbial inoculation effect on the Yield of English Ryegrass and Number of Rhizosperic Microorganisms

B. Grygierzec

Contents of phosphorus in soils and sward of mountain grasslands depending on the land use and nitrogen fertilization level

P. Porvaz, J. Jakubová, L. Kováč

***Miscanthus sinensis* – grass with energetic purpose**

Š. Pollák, A. Rogožníková

Effect of specific compost application on immobility soil carbon in permanent grasslands

V. Vargová, Z. Kováčiková, M. Michalec

Changes of botanical composition at the long-term management on alluvial meadows

Z. Kováčiková, V. Vargová, M. Michalec

Effects of different utilization of permanent grassland on landscape ecology

SESSION 2: FLORA AND FAUNA BIODIVERSITY OF GRASSLAND AND FOREST ECOSYSTEMS

ORAL PRESENTATIONS

Chandrakant B. Salunkhe

Know Your Grasses – A Step towards Building Grass Diversity Information for India

A. Chodkiewicz, P. Stypiński

Grazing selectivity of Koniks on the area of Biebrza National Park

POSTER PRESENTATIONS

V. Odstrčilová, A. Kohoutek, P. Komárek, P. Nerušil, P. Němcová

The impact of grassland management on plant species diversity at a mesotrophic site in an eight-year-long experiment

Munir A. Turk

Production of ten Annual Medic Cultivars under Rain-fed Conditions of Jordan

P. Knot, J. Raus, F. Hrabě

Effect of fertilization and harvest frequency on structure of meadow stand

J. Čunderlík, M. Kizeková

Effects of fertilisers on herbage production and quality at semi-natural grassland

A. Chodkiewicz, P. Stypiński

Advantages and disadvantages of grazing in the Environmentally Sensitive Areas (ESA)

A. Strychalska, Ł. Maćkowiak, A. Klarzyńska, A. Kryszak, J. Kryszak

Natural consequences of encroaching segetal and ruderal species in the meadow swards

L. Kováč, J. Jakubová, P. Porvaz

Grass stands in polder Beša

M. Polák, M. Jančová

Effects of organised lamb grazing on grassland development

J. Golecký

The effect of grazing of suckling cows on changes of botanical composition and nutritive value of grassland

L. Ondrášek, J. Čunderlík

Changes in a range of biological, chemical and physical properties of soil in semi-natural grassland at application of organic and mineral fertilizers

SESSION 3: IMPACT OF CLIMATE CHANGE ON THE ECOSYSTEM FUNCTIONS

ORAL PRESENTATIONS

V. Čaboun

Impact of climate change on the forest ecosystem functions

S. Jendrišáková

Diversity habitats of mountain grassland

POSTER PRESENTATIONS

J. Jakubová, L. Kováč, P. Porvaz

An impact of rainfall onto yield of clover-grass mixture's dry mass from a first mowing

A. Kohoutek, V. Odstrčilová, P. Komárek, P. Nerušil, P. Němcová

The impact of precipitation on yield of *Dactylis glomerata*, *Dactylis polygama*, *Festuca arundinacea* and genus hybrids in 1986 – 2011

J. Raus, M. Sochorec, P. Knot, S. Hejduk

Root system properties of two *Festulolium* cultivars under different irrigation regimes

A. Kohoutek, V. Odstrčilová, P. Komárek, P. Nerušil, P. Němcová

Production abilities and forage quality of selected species of *Bromus* family in the first year after renovation

M. Kizeková, J. Čunderlík, J. Martincová, L. Jančová

The impact of climate change on ecosystems of temporary grasslands

S. Jendrišáková, V. Vargová, Z. Kováčiková

Mountain management in the Velká Fatra National Park

POSTER AND ORAL COMMUNICATION

Contributions to the conference can be presented either as an oral communication (20 - 30 minutes) or as a poster. The working languages are Slovak, Czech and English. The conference proceedings will be provided for all registered authors.

IMPORTANT DATES

- 31 July 2012 Deadline for submission of full-length papers to be published in the conference proceedings
- 31 August 2012 The 3rd Announcement with the complete information will be provided

REGISTRATION FEES

Full fee by 31 July 2012:	150 EUR
Full fee after 1 August 2012:	180 EUR
PhD student fee by 31 July 2012:	110 EUR
PhD student fee after 1 August 2012:	140 EUR
Excursion	15 EUR

The registration fee includes coffee breaks, conference dinner, dinner, two lunches and the bus transport to the excursion.

PAYMENTS

Registration fees should be made by bank transfer to the following account:

Bank: Štátna pokladnica
Address: Radlinského 32, 810 05 Bratislava 15, Slovakia
Account holder: Centrum výskumu rastlinnej výroby Piešťany
Account number: 7000345692/8180
IBAN: SK73 8180 0000 0070 0034 5692
Swift/BIC: SUBASKBX ,
 Všeobecná úverová banka, a.s., Mlynské Nivy 1,
 829 90 Bratislava, Slovakia
Variable Symbol: 16102012

To be indicated on the bank transfer: ecosystems 2012 – your surname“.

Cancellation Policy

No refund. Substitutions of attendees can be made at any time.

VENUE

The conference will take a place in Banská Bystrica. (The venue will be specified in the 3rd Announcement.)

EXCURSION

Visit to the „National Nature Reserve Badin virgin forest“

http://www.sazp.sk/slovak/struktura/copk/publikacie/badinsky_prales/index.html

<http://www.naucnehodniky.sk/>

A tour of the historical centre of Banská Bystrica.

TRAVEL

CAR

For road directions of your itinerary please use www.maps.google.com.

AIRPLANE

There are three international airports in Slovakia:

Poprad (www.airport-poprad.sk/?lang=en),

Košice (www.eng.airportkosice.sk)

Bratislava (www.airportbratislava.sk/en/passengers),

Participants can also use the airports in:

Vienna (www.viennaairport.com), *Krakow* (www.krakowairport.pl/) or *Budapest* .

PUBLIC TRANSPORT (TRAIN and BUS)

Complete information about public transport connections can be found at www.cp.sk (choose the preferred language).

ACCOMMODATION

Hotel room bookings have to be made directly by the participants individually.

Kongres hotel Dixon <http://www.dixon.sk/>

Hotel Arcade <http://www.arcade.sk/>

Hotel Lux <http://www.hotellux.sk/>

Hotel Národný dom <http://www.hotelnarodnydom.sk/>

Hotel URPÍN CITY RESIDENCE <http://www.urpincity.sk/>

PENSION (LODGING HOUSE)

Adonai <http://www.penzionadonai.sk/>
Al Corso Pension <http://www.penzionvparku.info/pension/>
BELLA <http://www.penzionbella.sk/>
Maják <http://www.penzionmajak.sk/>
Penzi3n BOCA <http://penzion-boca.sk/>

More accommodation info at:

<http://www.bbb.sk/hotely1.html>

<https://maps.google.sk/maps?hl=sk&ie=UTF->

[8&q=hotely+bansk%C3%A1+bystrica&fb=1&gl=sk&hq=hotely&hnear=0x47153de36e8ad42f:0xf8223f8a0b8b9032,Bansk%C3%A1+Bystrica&ei=U_zeT77pDo3Xsga-ofidDQ&sqi=2&ved=0CCsQyBM](https://maps.google.sk/maps?hl=sk&ie=UTF-8&q=hotely+bansk%C3%A1+bystrica&fb=1&gl=sk&hq=hotely&hnear=0x47153de36e8ad42f:0xf8223f8a0b8b9032,Bansk%C3%A1+Bystrica&ei=U_zeT77pDo3Xsga-ofidDQ&sqi=2&ved=0CCsQyBM)

TAXI

ABC Taxi: + 421 (0) 48 415 1515, + 421 (0) 48 415 4754

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City taxi: + 421 (0) 48 160 00, + 421 (0) 48 412 5551, + 421 (0) 48 415 1515

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Hur33 Taxi: + 421 (0) 905 269 269, + 421 (0) 911 369 269, + 421 (0) 948 369 269

ONE TAXI Bansk3 Bystrica: + 421 (0) 905 44 25 44, + 421 (0) 911 44 52 44, + 421 (0) 948 49 69 69, <http://www.onetaxi.sk/>

Synby Taxi Contact: + 421 (0)905 144 808, + 421 (0)903 188 565, + 421 (0)48 4141111, <http://www.synbytaxi.szm.com/>

VIP taxi: + 421 (0) 800 500 123 (free call), + 421 (0) 902 989 000, + 421 (0) 908 989 000

SCIENTIFIC COMMITTEE

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Luboš Vozár - Slovak University of Agriculture, Nitra

Vladimíra Fabriciusová - State Nature Conservancy of the Slovak Republic -Poľana Protected Landscape Area – Biosphere Reserve Administration

Peter Vantara - State Nature Conservancy of the Slovak Republic - Veľká Fatra National Park

Jozef Čunderlík - Plant Production Research Center, Piešťany – GMARI, Banská Bystrica

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Miroslav Polák - Plant Production Research Center, Piešťany – GMARI, Banská Bystrica

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Mladeznicka 36, 974 21 Banská Bystrica, SLOVAKIA

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The conference is supported by the EU Operational Programme “Research and Development”, ITMS 26220220042, “*Grassland Management Handbook – Ungulate Game and Favourable Welfare Conditions for Black Grouse in Alpine Areas*”, co-financed by the European Regional Development Fund.



Európska únia



Európska únia
Európsky fond regionálneho rozvoja



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