

PLANT PRODUCTION RESEARCH CENTER PIEŠŤANY



GRASSLAND AND MOUNTAIN AGRICULTURE RESEARCH INSTITUTE BANSKÁ BYSTRICA



ECOSYSTEMS AND THEIR FUNCTIONS

Scientific Conference

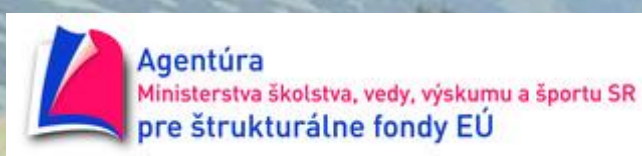
of the EU Project

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

16 – 18 October, 2012

Banská Bystrica, Slovakia

3rd Announcement



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

The effect of six repeated direct sowings of grass-legume seed mixtures into grasslands on forage production and forage quality in the period from 1991 till 2011

J. Pozdíšek, O. Látal, M. Štýbnarová

Voluntary dry matter intake of silages made from grasslands under different grassland management on heifers from “Low Input” system

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 Rhizospheric 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

V. Vargová, Z. Kováčiková, M. Michalec
Effect of long-term utilisation on alluvial meadow

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

P. Hauptvogel
Conserving the plant genetic resources and their functions in agriculture

J. Novák
Biodiversity of ecologically restored mountain pasture in the National Park Vel'ká Fatra after overmanuring with cattle excreta

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
The application of mineral and organic fertilisers and its impact on the quality and production of herbage at semi-natural grassland

P. Stypiński, A. Chodkiewicz,
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

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, P. Komárek, J. Kvapilík, P. Nerušil, V. Odstrčilová, P. Němcová
Production abilities and forage quality of selected species of Bromus family in the first year after renovation

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). We would inform that posters will be present as an oral PPT presentation which should contain minimally 5 slides. Please use attached pattern PPT presentation template. The working languages are Slovak, Czech and English. The conference proceedings will be provided for all registered authors.

IMPORTANT DATES

10 October 2012 Deadline for submission of PPT presentation

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 Kongres hotel Dixon in Banská Bystrica. Address: Švermova 32, Banská Bystrica, Slovakia. GPS: +48° 44' 8.89", +19° 7' 29.94"

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/](http://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. We recommend

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

You can make reservation also in the following hotels:

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

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Bibi taxi: + 421 (0) 911 222 202

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

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FUNTAXI - Bansk3 Bystrica: + 421 (0)48 16 777, + 421 (0)903 035 505, + 421 (0)908 888 877, <http://www.funtaxibb.com/>

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

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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

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

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Európska únia



Európska únia
Európsky fond regionálneho rozvoja



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

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

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