



16th Eurasian Grassland Conference (Austria / Slovenia)

Program

Wednesday, 29 May 2019 Botanical Garden University of Graz

- 12:00–17:00** Natura 2000 network, UR 31.02 ('seminar room'), Schubertstraße 51, 1st floor.
- 17:00–21:00** Registration, welcome reception in the foyer of the greenhouses of the Botanical Garden, Schubertstraße 59, also possibility to mount the posters in the foyer of the building Schubertstraße 51, 1st floor.

Thursday, 30 May 2019 Botanical Garden University of Graz

- 08:00–09:00** Registration (foyer of the greenhouses of the Botanical Garden, Schubertstraße 59), possibility to mount the posters in the foyer of the Building Schubertstraße 51, 1st floor.
- 09:15–09:45** **Opening ceremony** (HS 31.11, Schubertstraße 51, 2nd floor)
- 09:45–10:45** **KEYNOTE LECTURE**
Zsolt Molnár & Dániel Babai (Hungary): Maintenance of species-rich grasslands by traditional farmers: diversity, practice, knowledge, subsidies and future.

10:45–11:05: Coffee break, foyer of the greenhouses

Session 1: Do species rich grasslands still have economic value? Examples from farming and conservation practice

[chair: Gerhard Karrer]
(HS 31.11, Schubertstraße 51, 2nd floor)

- 11:10–11:30** **Wolfgang Angeringer**: Gradual Utilization of managed semi-natural grassland to preserve biodiversity – a case study from Upper Styria.
- 11:30–11:50** **(YIP) Magdalena Witzmann**, Maik Pressnitz, Monika Janišová & Martin Magnes: Biodiversity in pastures of the “Haymilk” region Neumarkt in der

Steiermark.

- 11:50–12:10 (YIP) Vilma Gudyniene:** Effect of different measures on seeds germination of typical plants from *Festuco-Brometea erecti* and *Trifolio-geranietea sanguinei* classes.
- 12:10–12:30 Wilhelm Graiss:** Conservation of regional plant genetics from semi-natural grassland (G-Zert).
- 12:30–12:50** Paola Scocco, Federico Maria Tardella, Alessandro Malfatti, Elena de Felice, Maurizio Canavari, Gianni Sagratini & **Andrea Catorci:** Preserving plant biodiversity by implementing the economic sustainability of mountain farming in sub-Mediterranean dry grasslands.
- 12:50–13:10 Harald Rötzer:** Do species rich grasslands still have economic value? Examples from Lower Austria.

13:10 – 14:00. *Lunch break*

Session 3: Ethnobotanical contributions to grassland management practices

[chair: Bela TOTHMERESZ]
(HS 31.11, Schubertstraße 51, 2nd floor)

- 14:00–14:20 Zsolt Molnár,** András Kelemen, Róbert Kun, János Máté, László Sáfián, Marianna Biró, András Máté, Sandra Díaz, Fred Provenza, Hossein Barani & Csaba Vadász: Traditional herders modify both livestock and researcher behaviour: knowledge co-production for better management of species-rich grasslands.
- 14:20–14:40 Monika Janišová,** Iwona Dembicz, Łukasz Kozub, Anna Kuzemko, Martin Magnes, Salza Palpurina, Harald Rötzer & Pavel Širka: Top 15 authentic Carpathian recipes for sustainable management of species-rich grasslands.

Session 4: Biodiversity of Palaeartic grasslands

[chair: Michael VRAHNAKIS]
(HS 31.11, Schubertstraße 51, 2nd floor)

- 14:40–15:00 (YIP) Valentina Borodulina,** Oxana Cherednichenko & Anna Komarova: Biodiversity of *Calamagrostis epigeios* meadows in the transition area of the Polistovsky Nature Reserve, NW Russia.
- 15:00–15:20 Andraž Čarni,** Mateja Breg Valjavec & Daniela Ribeiro: Vegetation as bioindicator of waste-filled dolines in karst landscape.
- 15:20–15:40 (YIP) Anna Komarova,** Oxana Cherednichenko, Valentina Borodulina, Tatiana Gavrilova & Alexander Zudkin: Grassland communities within abandoned settlements in NW Russia: syntaxa and land use status.
- 15:40–16:00 Luís Silva,** Aaron Fox, Andreas Lüscher, Ana Barreiro, Linda-Maria Dimitrova Mårtensson, Ângela Vieira, Carolina Parelho, Cristina Cruz, João

Melo, Mary Musyoki, Judith Zimmermann, Frank Rasche & Franco Widmer: Linking above and belowground diversity patterns in grasslands under different management regimes: insights from indicator species analysis.

16:00–16:20 **Péter Török**, Edina Tóth, Mária Papp, András Kelemen, Judit Sonkoly & Béla Tóthmérész: Functional vegetation recovery of sand grasslands: trait-neutrality and filtering effects.

16:20–16:40 **Didem Ambarlı**, Nadja K. Simons, Katja Wehner, Wiebke Kämper, Thomas Nauss, Sebastian Seibold, Wolfgang Weisser & Nico Blüthgen: Climatic and land-use drivers of multiple animal-mediated ecosystem processes in grasslands.

16:40–17:00. Coffee break

17:00–17:55 **Poster session 1, 3, 4**: foyer of the building Schubertstraße 51, 1st floor (see last pages for the details). Authors will present their posters and receive comments in five minutes.

18:00–21:00 **Scientific writing workshop**: Led by Jürgen Dengler (HS 31.11, Schubertstraße 51, 2nd floor).

Friday, 31 May 2019 Botanical Garden University of Graz

08:00–09:00 **KEYNOTE LECTURE**
Matej Vidrih: Sustainable pasture management in Slovenia: balancing productivity and biodiversity (HS 31.11, Schubertstraße 51, 2nd floor).

09:15–18:30 **Mid-conference excursion to Neumarkt in der Steiermark, departure: Holteigasse 6 (north-border of the Botanical Garden).**

09:15–15:15 **Bryophytes in Central European Grasslands, excursion course led by Christian Berg to different places around the village Semriach.**

19:00–22:30 **Grassland party in the greenhouses of the Botanical Garden**

Saturday, 1 June 2019
Botanical Garden University of Graz, HS 31.11,
Schubertraße 51, 2nd floor

09:00–10:00 KEYNOTE LECTURE

Wolfgang Willner: Semi-dry grasslands of Central and Eastern Europe -
syntaxonomic and biogeographical aspects

10:00–10:20: Coffee break

Session 2: Grassland Conservation

[chair: Didem Ambarli]

10:20–10:40 **Béla Tóthmérész**, Balázs Teleki, Judit Sonkoly, László Erdős & Péter Török: High resistance of grassland biodiversity to native woody encroachment in loess steppe fragments.

10:40–11:00 **Marianna Biró**, János Bölöni & Zsolt Molnár: Long-term changes of Natura 2000 grasslands and effects of nature protection.

11:00–11:20 (YIP) **Mariia KALISTA:** *Crambe koktebelica* (Junge) N. Busch s. str. populations of dry grasslands in Crimea.

11:20–11:40 **Gerhard Karrer** & Jakob Koessl: Unintended effects on meadows in a nature reserve caused by management following advices by nature conservancy bodies.

11:40–12:00 (YIP) **Réka Kiss**, Béla Tóthmérész, Balázs Deák, Péter Török, Tamás Miglécz, Katalin Tóth, András Kelemen, Szilvia Radócz, Laura Godó, Zsófia Körmöczi, Katalin Lukács, Judit Sonkoly, Anita Kirmer, Sabine Tischew & Orsolya Valkó: Establishment gaps: new and successful tool to overcome propagule- and microsite-limitations in grasslands.

12:00–12:20 Viktor Shapoval & **Anna Kuzemko:** Depressions (pody) of the Steppe zone – a new habitat type of European importance.

12:20–12:40 Philipp Sengl, Oliver Gebhardt & **Patrick Schwager:** Habitat suitability models help in pre-selecting the most promising sites for compensation and restoration measures.

12:40–13:00 **Imelda Somodi**, Krisztina Dóra Konrád & Ákos Bede-Fazekas: Grassland restoration – how can Multiple Potential Natural Vegetation (MPNV) estimations contribute?

13:00–13:50: Lunch break

[chair: Monika JANIŠOVÁ]

- 13:50–14:10** (YIP) **Edina Tóth**, Károly Penksza, András Kelemen, Judit Sonkoly, Béla Tóthmérész & Péter Török: The effect of grazing on grassland biodiversity is strongly dependent on grassland type and grazing intensity.
- 14:10–14:30** **Balázs Deák**, Orsolya Valkó, Dávid Nagy D., Péter Török, Attila Torma, Gábor Lőrinczi, András Kelemen, Szabolcs Mizse, Antal Nagy, Ádám Bede, András István Csathó & Béla Tóthmérész: Kurgans as refuges for grassland species: large-scale multi-taxon study on Eurasian burial mounds.
- 14:30–14:50** (YIP) **Laura Godó**, Orsolya Valkó, Béla Tóthmérész, Katalin Tóth, Réka Kiss, Szilvia Radócz, András Kelemen, Péter Török, Eva Švamberková & Balázs Deák: The red fox as an ecosystem engineer: Effect of fox burrows on the grassland vegetation of kurgans.
- 14:50–15:10** (YIP) **Natalija Špur**, Andrej Šorgo & Sonja Škornik: Insight into Public Attitudes towards Preserving Species-rich Grasslands.
- 15:10–15:30** (YIP) **Peter Kozel**, Tone Novak, Natalija Turičnik Kleč, Franc Janžekovič, Sonja Škornik & Nataša Pipenbaher: Niche partitioning among morphotypes of *Phalangium opilio* (Opiliones, Phalangidae) during the day rest in a montane pasture.
- 15:30–15:50** (YIP) **Orsolya Valkó**, Katalin Lukács, Balázs Deák, Réka Kiss, Katalin Tóth, Laura Godó, Tamás Migléc, Judit Sonkoly, Szilvia Radócz, András Kelemen & Béla Tóthmérész: A new aspect of the dispersal of alien plants in grasslands - Human-dispersed seeds can survive and disperse after the laundry cycle.

15:50–16:10. *Coffee break*

- 16:10–17:20** **Poster session 2:** Foyer of the building Schubertstraße 51, 1st floor (see last pages for the details). Authors will present their posters and receive comments in five minutes.
- 17:30–19:00** EDGG General Assembly, closing ceremony of the conference part.
- 19:00–22:00** Evening mixer in the foyer of the greenhouses of the Botanical Garden.

Sunday 2nd June – Wednesday 5th June Post-Conference Excursion to Slovenia

- Sun 08:00** Departure from Holteigasse 6, Graz (northern border of the Botanical Garden of the University of Graz).
- Wed 12:00** Arrival at Graz airport.
- Wed 12:30** Arrival at the Botanical Garden of the University of Graz, Holteigasse 6.

Poster sessions

Thursday, 30.05.2019
17.00-17.55

session 1

Maik Preßnitz, Magdalena Witzmann, Monika Janišová & Martin Magnes. Biodiversity in meadows of the “Haymilk” region Neumarkt in der Steiermark (YIP)

session 4

Natalia Dulepova, Mariya Lebedeva, Andrey Korolyuk, Sergey Yamalov, Yaroslav Golovanov & Natalia Zolotareva. Patterns of structure of petrophytic steppes of the Urals and adjacent territories on a moisture gradient

Tatiana Gavrilova, Oxana Cherednichenko & Tatiana Elumeeva. Functional traits of leaves at abandoned and managed sites in Central Forest Reserve, NW Russia (YIP)

Anna Komarova, Oxana Cherednichenko, Valentina Borodulina, Tatiana Gavrilova & Alexander Zudkin. The use of remote sensing techniques to identify vegetation units in North Russia

Maria Kozhevnikova, Vadim Prokhorov, Maria Lebedeva & Sergey Yamalov. Predictive distribution modeling of the dry grasslands in the Republic of Tatarstan

Constantin Mardari, Jozef Šibík, Ciprian Bîrsan, Kiril Vassilev, Nikolay Velez, Momchil Nazarov & Cătălin Tănase. Variability and plant communities' diversity of acidophilous dwarf-heath mountain tundra (the class *Loiseleurio-Vaccinietea* Egger ex Schubert 1960) in Romanian Carpathians

Szabolcs Mizser. Ground beetles (Coleoptera: Carabidae) of Egyek-Pusztakócs Reserve, Hortobágy National Park, Hungary

Ângela F. Vieira, Mónica Moura & Luís Silva. Changes in Plant Community Composition along Gradients of Land Management in São Miguel (Azores)

Saturday, 01.06.2019
16.10-17.20

Balázs Deák, Csaba Albert Tóth, Ádám Bede, Iva Apostolova, Miklós Bán & **Ferenc Báthori**. Citizen science as a tool for conserving grasslands on sacred natural sites – The main goals of the Eurasian Kurgan Database (YIP)

Lisa Bernhard, Christian Berg & Philipp Seng. Germination properties affect colonization success of semi-dry grassland species (YIP)

Ján Černecký, Peter Gajdoš, Jana Špulerová, Ľuboš Halada, Peter Mederly, Libor Ulrych, Viktória Ďuricová, Rastislav Rybanič, Juraj Švajda, Ľudmila Černecká & Peter Andráš. Ecosystem services assessment in the Slovak Republic

Iva Apostolova, **Balázs Deák**, Anna Ganeva, Desislava Sopotlieva, George Nehrizov, Kiril Vassilev, Magdalena Valcheva, Nadya Tsvetkova, Nikolay Velev, Salza Palpurina, Tsvetana Popova, Tsvetelina Terzyiska, Vassil Vassilev, Veselin Shivarov & Yassen Stoyanov. Ancient burial mounds serve as refuge islands for semi-natural grasslands in Bulgaria

Viktória Ďuricová & Ján Černecký. Systematic plan for management measures in non-forest habitats in Slovakia

Nóra Kovácsné Koncz, Béla Béri, Balázs Deák, András Kelemen, Katalin Tóth, Réka Kiss, Szilvia Radócz, Tamás Migléc, Béla Tóthmérész & ***Orsolya Valkó**. Meat production and maintaining biodiversity: Grazing by traditional and crossbred beef cattle breeds in marshes and grasslands (YIP)

Katalin Lukács, Orsolya Valkó Péter Török, Béla Tóthmérész, Szilvia Radócz & Balázs Deák. Kurgans as refuges of rare dry grassland species (YIP)

Iris Moeneclaey, Lander Baeten, Frieke Van Coillie & Kris Verheyen. Introducing spectral remote sensing into grassland restoration: can we track down soil phosphorus availability? (YIP)

Dávid D. Nagy, Orsolya Valkó, Tibor Magura, Balázs Deák, Roland Horváth, Zsuzsanna Debnár & Béla Tóthmérész. Unburned microhabitats and their surroundings support epigeic arthropods after prescribed burning of dry grasslands (YIP)

Gábor Ónodi, Attila Lengyel, László Somay, Katalin Szitár & György Kröel-Dulay. Combined effects of shrub encroachment and wildfire on species richness in semiarid sand forest-steppe vegetation

Igor Paušič, Matej Lipovšek, Dietmar Jakely, Nika Pavlec, Danijel Ivajnsič & Mitja Kaligarič. Local climate and latitude affect flower form of *Ophrys fuciflora* (Orchidaceae): evidence for clinal variation

Mykyta Peregrym & Erika Péntzesné Kónya. Important Dark Sky Areas as key territories for grassland conservation in Europe and the Caucasus region

Michael Vrahnakis & Yannis Kazoglou. Effects of water buffalo grazing on wet meadow seasonal productivity of Prespa National Park

Olha Yaroshko. Microclonal multiplication of rare plant *Stipa donetzica* Czupryna *in vitro* conditions (YIP)