

СЕРТИФІКАТ № 166

Цим засвідчується, що

Ларіонов М.С.

брав(ла) участь у роботі
Міжнародної науково-практичної конференції

**«PLANTA+. НАУКА,
ПРАКТИКА ТА ОСВІТА»**

19 лютого 2021 р.,
м. Київ, Україна

Сертифікат підтверджує участь у заході тривалістю 1 день
та нарахування 5 балів згідно Наказу МОЗ України від 22.02.2019 № 446

Ректор Національного медичного університету
імені О. О. Богомольця,
д. мед. н., професор

Завідувач кафедри фармакогнозії
та ботаніки, д. б. н., професор

Ю. Л. Кучин

В. М. Мінарченко

Конференція внесена до Реєстру
з'їздів, конгресів, симпозіумів і
науково-практичних конференцій
України 2021 р. (Посвідчення
УкраїнТЗІ № 437 від 30 вересня 2020 р.
та № 18 у Реєстрі науково-
практичних конференцій
Українедентінформ)



МІНІСТЕРСТВО
ОХОРОНИ
ЗДОРОВ'Я
УКРАЇНИ



МІНІСТЕРСТВО
ОСВІТИ І НАУКИ
УКРАЇНИ



UKRAINE
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НАУКА, ПРАКТИКА ТА ОСВІТА

PLANTA+

Confirmation

The Visegrad scholar Dariia Shyriaieva has stayed at Masaryk University from February to June 2021 (spring semester). During this period, she worked as planned under the supervision of Prof. Milan Chytrý, with the following achievements:

- completion of the database of vegetation relevés, as a dataset from own data in TURBOVEG;
- checking and preparation of the selected data to analyses, spatial and environmental stratification of the data;
- studying methods of data analysis, using JUICE software (for vegetation classification) and R (for statistics and visualizations);
- processing of herbarium specimens to supplement the University Herbarium BRNU with specimens from the steppe region (Southwestern Ukraine);
- writing the manuscript about grassland vegetation on sandy soils in Southern Bug river valley;
- participation in the Plant Ecology Lab Meetings, including the scholar's own presentation on the topic "Grassland studies in Southern Bug river valley within the steppe zone (Southern-West Ukraine)", seminars of courses "Conservation biology", "Introduction to Biostatistics in English", and also the field course "Botanical excursion abroad".

According to the scholarship plan, the scholar Dariia Shyriaieva has arrived at Masaryk University for the second part of the internship (September 2021 – February 2022), the working plan includes data processing and statistical analyses of the prepared database, using R, JUICE, GIS software; preparation of the manuscript about vegetation diversity, species richness and ecological differentiation of the grasslands in Southern Bug river valley. The scholarship will be finished in February 2022.

In Brno on 9th September 2021

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611 37 Brno, Kotlářská 2

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Head of the Department of Botany and Zoology
Faculty of Science
Masaryk University

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МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
БІЛОЦЕРКІВСЬКИЙ НАЦІОНАЛЬНИЙ АГРАРНИЙ УНІВЕРСИТЕТ
АГРОБІОТЕХНОЛОГІЧНИЙ ФАКУЛЬТЕТ

СЕРТИФІКАТ

виданий

ГЕТЬМАН ПОЛІНІ

за участь у I міжнародній науково-практичній
інтернет-конференції
**«Сучасні виклики і актуальні проблеми лісівничої
освіти, науки та виробництва»**

(15 квітня 2021 року)

Ректор університету

Олена ШУСТ



Інститут фізіології рослин і генетики
Національної академії наук України



СЕРТИФІКАТ

засвідчує участь

Гетьмане Тетяна Андріївна

у XV конференції молодих вчених

**«Наукові, прикладні та освітні аспекти фізіології,
генетики, біотехнології рослин і мікроорганізмів»,**

присвяченої 75-річчю Інституту фізіології рослин і генетики

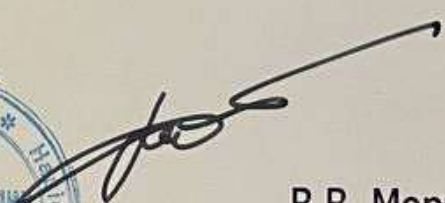
НАН України


(3 червня 2021 р., Київ, Україна)

Голова організаційного комітету
Директор ІФРГ НАН України,
академік НАН України

Секретар конференції, к.б.н.




В.В. Моргун


Н.В. Сандецька



Internship report

Ukrainian PhD student Dariia Shyriaieva has stayed at Masaryk University from September 2021 to February 2022 (autumn semester) with the Visegrad scholarship. During this period, she worked as planned under the supervision of Prof. Milan Chytrý, with the following achievements:

- data analysis of own database vegetation relevés using JUICE software (for vegetation classification) and R (for statistics and visualizations);
- processing of herbarium specimens to supplement the University Herbarium BRNU with specimens from the steppe region (Southwestern Ukraine);
- work on the manuscripts about vegetation diversity, species richness and ecological differentiation of the grasslands in Southern Bug river valley;
- completion of the EU-UA-001 Ukrainian Grassland Database, included in European Vegetation Archive (EVA), with data from South-Western Ukraine;
- participation in the 29th Conference of European Vegetation Survey: Revegetating Europe – Contributions of the EVS to the UN Decade on Ecological Restoration (Online conference, 6–7 September 2021) with oral presentation “Grasslands of the Buzkyi Gard National Nature Park (Ukraine): inventory, mapping, and management”;
- participation in the 63rd IAVS Annual Symposium (Online conference, 20–23 September 2021) with own oral presentation “Exploratory analysis of the spectral reflectance curves of habitat types: a case study on Southern Bug River valley, Ukraine” and poster presentation “Inventory of grassland habitats of Ukraine using phytosociological databases” (Kuzemko et al., including D. Shyriaieva);
- participation in the Plant Ecology Lab Meetings.

During the scholarship time in 2021–2022, Dariia Shyriaieva prepared her own scientific publications, contributed to scientific projects of Masaryk University and conducted other international cooperation, including the following achievements:

1. Shyriaieva D., Kubešová S. & Virchenko V. 2021. *Rhynchostegium megapolitanum*. In: New national and regional bryophyte records, 65. Journal of Bryology, v. 43, 67–91.
2. Biurrun I., Pielech R., Dembicz I., ..., Shyriaieva D., ... & Dengler J. 2021. Benchmarking plant diversity of Palaearctic grasslands and other open habitats. Journal of Vegetation Science 32(4), p. 1–21.
3. Moysiienko I., Vynokurov D., Shyriaieva D., ... & Dembicz I. 2022. Grasslands and coastal habitats of Southern Ukraine: First results from the 15th EDGG Field Workshop. Palaearctic Grasslands 52: 44–83.

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4. **Shyriaieva D.V.**, Shyian N.M. 2021. *Trifolium vesiculosum* (Fabaceae) in Ukraine: a new find and historical overview. *Ukrainian Botanical Journal*, 78(2): 83–95.
5. **Shyriaieva D.V.** 2022. Ecological and coenotic differenciation of meadow vegetation of the National Nature Park “Buzkyi Gard”. *Ukrainian Botanical Journal* 79(1): 26–37.
6. **Shyriaieva D.V.** 2022. Ecological differentiation, classification and conservation value of the threatened sandy grasslands in Southern Bug River basin (South-Western Ukraine). (Paper prepared for publication in *Tuxenia* journal).
7. **Shyriaieva D.V.**, Shynder O.I. 2022. New data on distribution and ecology of the Balkanian-Pontic species *Silene frivaldszkyana* (Caryophyllaceae) in Ukraine. (Paper prepared for publication in *Botanica Serbica* journal).
8. Contribution to the project “Wild Edible Plants of Europe” (project leading by Corrado Marceno, Masaryk University) with species data from Ukraine.
9. Contribution to the project “Revision of the *Linaria angustissima/biebersteinii* group” (Masaryk University) with herbarium and species data from Ukraine.
10. Contribution to the project “Grassland habitats of Ukraine of pan-European importance: current status, losses extent and conservation strategy in the context of global climate change and anthropogenic transformation of the environment” (project leading by Anna Kuzemko).
11. Contribution to the project “Functional, syntaxonomical and phylogenetic diversity of steppes of Ukraine as a basis of an evaluation of their ecosystem services” (project leading by Denys Vynokurov).
12. Contribution to the project “Repeated plot surveys” (project leading by Martin Diekmann and Leonie Mazalla) with vegetation data from Ukraine.

In Brno on 25th February 2022


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