

PROGRAMME

Friday, May 23th, 2025

08.00-10.00 Registration

10.00-11.30 Opening Ceremony

11.30-12.00 Coffee break

12.00-13.15 *In memoriam*

13.15-14.00 Lunch break

14.00-16.00 Session 1

Hall 1

Taxonomy and Systematics

Hall 2

Agriculture, Forestry and Landscape Architecture

16.15-18.30 Session 2

Hall 1

Phytogeography, Floristics and Phytoecology

Poster Session 1

18.30-20.00

Taxonomy and Systematics

Phytogeography, Floristics and Phytoecology

Genetics, Selection and Biotechnology

Agriculture, Forestry and Landscape Architecture

Saturday, May 24th, 2025

08.00-10.00 Registration

10.00-11.30 Session 3

Hall 1

Phytochemistry and Phytotherapy

Hall 2

Ecology and Environmental Protection

12.00-14.15 Session 4

Hall 1

Nature Protection

14.15-15.30 Lunch break

Poster Session 2

15.30-17.00

Ecology and Environmental Protection

Nature Protection

Phytochemistry and Phytotherapy

20.00 Conference dinner

Sunday, May 25th, 2025

Hall 2

10.00-11.00 Presentation of COST Action

CA22105-BeSafeBeeHoney

Danijela A. Kostić*, Biljana B. Arsić

University of Niš, Faculty of Sciences and Mathematics, Višegradska 33,
18000 Niš, Republic of Serbia

*danijela.kostic@pmf.edu.rs

12.00-18.00 Excursion

Detailed Programme

Hall 1

Friday, May 23th, 2025.

10.00-11.30

Opening ceremony

11.30-12.00 Coffee break

In memoriam

12.00-12.15

Nikolić, D., Department of Biology and Ecology, Faculty of Sciences and Mathematics,
University of Niš, Niš, Serbia

Professor Dr. Vladimir Randelović – In memoriam (1965-2023)

12.15-12.30

Mihajilov-Krstev, D., Department of Biology and Ecology, Faculty of Sciences and
Mathematics, University of Niš, Niš, Serbia

Professor Dr. Novica Randelović – In memoriam (1937-2023)

12.30-12.45

Lakušić, D., Tomović, G., Vukojičić, S., Faculty of Biology, University of Belgrade,
Belgrade, Serbia

Professor Dr. Vladimir Stevanović (1947-2024) – In memoriam

12.45-13.00

Anačkov, G., Department of Biology and Ecology, Faculty of Sciences, University of Novi
Sad, Novi Sad, Serbia

***I could live here for the rest of my life - Prof. Dr. Biljana Božin: a researcher
from the heart of the Pannonian Plain on the mountain peaks of Serbia
and the Balkans***

13.00-13.15

Lakušić, B., Stojanović, D., Faculty of Pharmacy, University of Belgrade, Belgrade,
Serbia

Professor Dr. Violeta Slavkovska (1958-2025) – In memoriam

13.15-14.00 Lunch break

Taxonomy and Systematics, Hall 1

Friday, May 23th, 2025.

Chairs of the section: Anačkov, G., Buzurović, U.

Introductory Lecture

14.00-14.15

Rat, M., Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad,
Novi Sad, Serbia

The development of botanical studies among Serbs during the European Revolutionary Era (late 18th – early 19th century)

Oral Presentations

14.15-14.25

Çiftçi, A., Mollmann, R., Kaleli, B., Şık, L., Erol, O.

Erol, O., Botany Division, Department of Biology, Faculty of Science, Istanbul University, Istanbul, Türkiye

Rewriting the story of *Crocus chrysanthus* Herb.

14.25-14.35

Çiftçi, A., Özel, B., Gülçelik, C., Erol, O.

Gülçelik, C., Department of Biology, Faculty of Science, Istanbul University, Fatih, Istanbul, Türkiye

Exploring scape anatomy in *Crocus L.*: Its role in distinguishing series and species

14.35-14.45

Ranimirović, M., Đurović, S., Tomović, G., Niketić, M.

Ranimirović, M., Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia

Morphological variability of selected taxa in the *Stachys recta* group (*Lamiaceae*) in the Central and Southern Balkans

14.45-14.55

Hroneš, M., Department of Botany, Faculty of Science, Palacký University, Czech Republic

Putting together the pieces of *Gagea bohemica* (*Liliaceae*) biosystematic puzzle

14.55-15.05

Milivojević, L., Tomović, G., Đurović, S., Bogdanović, S., Niketić, M., Buzurović, U.

Milivojević, L., Faculty of Biology, University of Belgrade, Belgrade, Serbia

Morphological delimitation of neglected species *Armeria dalmatica* Beck from *Armeria canescens* (Host) Boiss.

15.05-15.15

Peškanov, J., Radak, B., Bogdanović, S., Vuku, A.Z., Anačkov, G.

Peškanov, J., Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad, Novi Sad, Serbia

Preliminary morphometric analysis of the *Ophrys sphegodes* complex from Croatia

15.15-15.25

Zbiljić, M., Kuzmanović, N., Novaković, J., Mladenović, Ž., Lakušić, D.

Zbiljić, M., Department of Botany, Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia

Teucrium montanum subsp. skadarensis (*Lamiaceae*) – a new subspecies from northern Albania

15.25-15.35

Miličević, A., Popović, S., Jakovljević, O.

Miličević, A., Institute of Botany and Botanical Garden "Jevremovac", Faculty of Biology, University of Belgrade, Belgrade, Serbia

A new *Navicula* species (*Bacillariophyceae*) from Serbia's thermomineral springs

Agriculture, Forestry and Landscape Architecture, Hall 2 **Friday, May 23th, 2025.**

Chairs of the section: Đurović, S., Crnković, M.

Introductory Lecture

14.00-14.15

Ocokoljić, M., Petrov, Đ., Galečić, N., Skočajić, D., Čukanović, J., Kolarov, R., Đorđević, S.
Petrov, Đ., Department of Landscape Architecture and Horticulture, Faculty of Forestry,
University of Belgrade, Belgrade, Serbia

Potential of the climbing rose 'Casino' in urban environments: Towards to climate change

Oral Presentations

14.15-14.25

Ocokoljić, M., Petrov, Đ., Galečić, N., Skočajić, D., Čukanović, J., Vujičić, D., Simović, I.
Petrov, Đ., Department of Landscape Architecture and Horticulture, Faculty of Forestry,
University of Belgrade, Belgrade, Serbia

Trachelospermum jasminoides (Lindl.) Lem. in pergola design: An experimental study in Belgrade

14.25-14.35

Bobinac, M., Andrašev, S., Šušić, N.

Bobinac, M., Faculty of Forestry, University of Belgrade, Belgrade, Serbia

The phases of degradation in oak forests of the western part of the National park 'Fruška Gora' - a challenge for sustainable forest management

14.35-14.45

Ocokoljić, M., Petrov, Đ., Galečić, N., Skočajić, D., Čukanović, J., Vujičić, D., Simović, I.
Petrov, Đ., Department of Landscape Architecture and Horticulture, Faculty of Forestry,
University of Belgrade, Belgrade, Serbia

Indigofera heterantha Wall. ex Brandis – a new exotic species in Serbia

Phytogeography, Floristics and Phytoecology, Hall 1

Friday, May 23th, 2025.

Chairs of the section: Radak, B., Papp, B.

Introductory Lectures

16.15-16.30

Čuk, M., Department of Biology and Ecology, Faculty of Sciences, University of Novi Sad,
Novi Sad, Serbia

Diversity and dynamics of sand dune habitats in Serbia

16.30-16.45

Papp, B., Lőkös, L., Dragičević, S.

Papp, B., Botanical Department, Hungarian Natural History Museum, Budapest, Hungary

Montenegrin coastal bryophyte vegetation – 100 years later in the footsteps of the earlier bryologists

Oral Presentations

16.45-16.55

Đurović, S., Ranimirović, M., Obradov, D., Rat, M., Perić, R., Jovanović, M.D., Zlatković, B., Vukojičić, S., Niketić, M.

Đurović, S., Faculty of Agriculture, University of Niš, Kosančičeva 4, 37000 Kruševac, Serbia

Contribution to the knowledge of endangered and vulnerable species of the genus Euphorbia L. in the flora of the Republic of Serbia

16.55-17.05

Šoškić, M., Stešević, D., Popović, A., Rat, M.

Šoškić, M., Department of Biology, Faculty of Natural Sciences and Mathematics, University of Montenegro, Podgorica, Montenegro

The genus Ornithogalum sensu stricto in the flora of Montenegro

17.05-17.15

Vassilev, K., Velev, N., Nazarov, M., Genova, B.

Vassilev, K., Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria

What do we know about vegetation diversity of Bulgaria?

17.15-17.25

Đurović, S., Stevanoski, I., Đorđević, V., Kuzmanović, N., Vukojičić, S.

Đurović, S., Faculty of Agriculture, University of Niš, Kosančičeva 4, 37000 Kruševac, Serbia

The BEOU herbarium as a source of information on protected plant species in Serbia, focusing on plant taxa protected by the Habitats Directive and the Bern Convention

17.25-17.35

Genova, B., Velev, N., Gecheva, G., Georgiev, S., Grigorov, B., Mardari, C., Nazarov, M., Vassilev, K.

Genova, B., Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria

Syntaxonomical diversity of the Phragmito-Magnocaricetea class in Bulgaria – an overview

17.35-17.45

Popović, A., Šoškić, M., Stešević, D.

Popović, A., Natural History Museum of Montenegro, Podgorica, Montenegro; Department of Biology, Faculty of Natural Sciences and Mathematics, University of Montenegro, Podgorica, Montenegro

Vascular flora and floristic peculiarities of the Čakor Pass area and surroundings

17.45-17.55

Vlku, A.Z., Radak, B., Peškanov, J., Anačkov, G.

Vlku, A.Z., Department of Biology and Ecology, Faculty of Science, University of Novi Sad, Novi Sad, Serbia

New orchid records from Tupižnica Mt. (Eastern Serbia)

17.55-18.05

Prpa, B., Rat, M., Bokić, B., Kladar, N., Bijelić, K., Anačkov, G.

Prpa, B., Department of Pharmacy, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia; Center for Medical and Pharmaceutical Investigations and Quality Control, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia

Diversity and distribution of Allium sect. Scorodon Koch 1837. in the flora of Serbia

Poster Session 1:

Taxonomy and Systematics
Phytogeography, Floristics and Phytoecology
Genetics, Selection and Biotechnology
Agriculture, Forestry and Landscape Architecture

18.30-20.00

Friday, May 23th, 2025.

- 1 Bakić, V., Trakić, S., Muratović, E., Đug, S.
Botanical characterization of black locust honey samples from Bosnia and Herzegovina
- 2 Xhulaj, S.
Lichenized and lichenicolous fungi from the southernmost areas of Albania
- 3 Nadarević, V., Mašić, E., Matić, I., Halilović, A.
Orchids of Mount Plješevica in Bosnia and Herzegovina – preliminary research
- 4 Mašić, E., Matić, I., Halilović, A., Nadarević, V.
Diversity of cyanobacteria and algae in selected water habitats in the wide area of Mount Plješevica (Bosnia and Herzegovina) – preliminary research
- 5 Mladenović, Ž., Kuzmanović, N., Lakušić, D., Stojanović, D.
Variability of leaf anatomical traits of Gentiana sect. Ciminalis (Gentianaceae) on the Balkan Peninsula
- 6 Çelik, M.
SEM-EDX Analysis of calcium oxalate crystals in the fruit of Scaligeria napiformis (Apiaceae: Apioideae)
- 7 Çetin, Ö., Çelik, M.
Microscopic examination of Pimpinella tripartita Kalen fruits: Anatomy, micromorphology and crystal composition
- 8 Doğan, N., Çetin, Ö., Çelik, M.
A microscopic perspective on Chaerophyllum crinitum Boiss. fruits: Anatomy, surface morphology, and crystal analysis
- 9 Stojković, J., Mitić, Z., Zlatković, B., Jevtović, S., Stojanović, G.

Distribution of headspace volatiles in rosette leaves of thirteen Achillea species from Serbia

10

Stojković, J., Mitić, Z., Jevtović, S., Zlatković, B., Stojanović, G.

Chemical composition of the root essential oil of five Achillea species from Serbia

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Jakovljević, O., Milićević, A., Popović, S.

Fragilaria campyla (Bacillariophyceae) - second record of a rare diatom species in Serbia

12

Grigorov, M., Jovanović, M.D., Zlatković, B., Pavlović, D.

Comparative anatomical study of the leaves of Verbascum species from Serbia

13

Nikolić, J., Zlatković, B., Jušković, M., Randelović, V., Nikolić, B., Mitić, Z.

Differentiation of Balkan Abies alba Mill. populations based on qualitative morpho-anatomical properties of needles

14

Trajković, M., Rajčević, N., Gavrilović, M., Vitasović Kosić, I., Janačković, P.

The essential oil of nine wild-growing Helichrysum italicum (Roth) G. Don (Gnaphalieae, Asteraceae) populations in Croatia

15

Bogdanović, A., Harpke, D., Jovanović, M.P., Çiftçi, A., Erol, O., Mollman, R., Raca, I.

Taxonomic complexity in the Crocus chrysanthus (Herb.) Herb. species complex: Preliminary morpho-anatomical insights

16

Mačukanović-Jocić, M., Jarić, S.

Palynomorphology of Cerastium decalvans Schloss. & Vuk. (Caryophyllaceae)

17

Mollman, R., Çiftçi, A., Gülçelik, C., Şık, L., Erol, O.

Seeds of diversity: What micromorphology says about the Crocus chrysanthus complex

18

Mollman, R., Özel, B., Gülçelik, C., Cebeci, E., Çiftçi, A., Erol, O.

Scape anatomical investigations in the Crocus chrysanthus species complex in Türkiye

19

Obradović, A., Fotirić Aksić, M., Mačukanović-Jocić, M.

Micromorphology of Corylus avellana L. pollen grains analyzed by scanning electron microscopy

20

Ranimirović, M., Đurović, S., Tomović, G., Kuzmanović, N., Buzurović, U., Milivojević, L., Niketić, M.

Relative genome size variation in the Stachys recta group in southeastern Europe

21

Kaleli, B., Çiftçi, A., Şık, L., Erol, O.

Cytogenetic diversity in *Crocus chrysanthus* Herb. in Türkiye: Insights from karyotype and genome size variation

22

Obradov, D., Anačkov, G., Luković, J.

Stem anatomical characteristics of the selected *Polygonum* s. str. taxa from the Balkans and the Pannonian Basin

23

Buzurović, U., Đurović, S., Niketić, M., Milinković, M., Buntić, A., Knežević, M., Tomović, G.

Differences in inner bract shape in *Goniolimon* species (Plumbaginaceae)

24

Pavlović, M.M., Jovanović, M.D., Zlatković, B., Tošić, S.

Nutlet characteristics of selected *Micromeria* Benth. taxa from the Balkan Peninsula and their taxonomical importance

25

Mollman, R., Çiftçi, A., Kaleli, B., Şık, L., Osman Erol, O.

Molecular differentiation of *Crocus chrysanthus* species complex in Türkiye

26

Jovanović, M.D., Lakušić, D., Lazarević, P., Zlatković, B.

Palynological characteristics of *Sempervivum ciliosum* complex: Variability and taxonomic implications

27

Jovanović, M.D., Lakušić, D., Lazarević, P., Gussev, C., Iakushenko, D., Zlatković, B.

Pollen morphology in the *Sempervivum ruthenicum* complex: Novel data and taxonomic implications

28

Peškanov, J., Bogdanović, S., Vlku, A.Z., Anačkov, G., Radak, B.

****Ophrys* × *diocleae* (Orchidaceae), a new nothospecies from Montenegro***

29

Öztunç, Y.

Molecular analysis of the *rbcL* chloroplast DNA region in *Leonurus glaucescens* and *Leonurus persicus*

30

Trakić, S., Bakić, V., Čelebičić, M.

Species distribution model of *Pseudofumaria alba* (Mill.) Lidén in W Balkan

31

Nikolić, D., Raca, I., Jušković, M., Živković, M., Jenačković Gocić, D.

The morpho-anatomical variability of *Myriophyllum verticillatum* L. in Serbia

32

Jevtić, A., Nikolić, D., Raca, I., Jušković, M., Stojanović, J., Jenačković Gocić, D.

Morphological variability of the free-floating macrophyte *Spirodela polyrrhiza* (L.) Schleid. in Serbia

33

Stojanović, J., Jenačković Gocić, D., Zlatković, B., Kuzmanović, N., Lakušić, D., Jevtić, A., Jušković, M.

Insights into an *Asplenium ceterach*-dominated chasmophytic community on Stara Planina Mt.

- 34 Jenačković Gocić, D., Jovanović, N., Vukotić, D., Jušković, M., Mitić, Z., Nikolić, D., Jevtić, A., Stojanović, J., Jovanović, M.D., Jotić, B., Zlatković, B.
Floristic and syntaxonomic diversity of the Svrlijski Timok river in the anthropogenic-altered section of the watercourse
- 35 Fiškalović, M., Zozomová-Lihová, J., Lazarević, P., Šlenker, M., Šinžar-Sekulić, J., Lazarević, M.
Conservation ecology of *Cardamine serbica*, a rare and threatened species of the Balkan Peninsula
- 36 Radak, B., Anačkov, G.
Serapias × demadesii: A new orchid hybrid taxon for Montenegro
- 37 Stanišić-Vujačić, M., Stešević, D., Hadžiablahović, S., Šilc, U.
Early spring therophytic ephemeral grasslands (alliance Romuleion) in North-eastern Mediterranean
- 38 Radak, B., Peškanov, J., Vlku, A.Z., Anačkov, G.
Ophrys cephalonica – A newly confirmed orchid species for Montenegro
- 39 Stešević, D., Stanišić-Vujačić, M., Milanović, Đ., Šilc, U.
Helinathemo jonii-Artemisietum campestris a novel retrodunal dry grassland community in the Hinterland of Velika Plaža (Ulcinj, Montenegro)
- 40 Anđelković, A., Šikuljak, D., Novković, M., Cvijanović, D., Marisavljević, D., Radulović, S.
Floristic analysis of riparian areas in the Timok catchment area (Eastern Serbia)
- 41 Vlku, A.Z., Vlku, A.M., Radak, B., Anačkov, G.
WMA: A web-based application for mapping and analyzing distribution of plant taxa
- 42 Vlku, A.M., Vukov, D., Blanuša, I., Šikuljak, T., Čuk, M., Ilić, M.
Bryoflora of Novi Sad: Epiphytic diversity in parks and selected tree-lined streets
- 43 Đorđević, V., Krdžić, S., Novković, I., Tsiftsis, S.
The orchid flora of the Šumadija region (Serbia)
- 44 Raca, I., Nikolić, D., Pavlović, M.M., Jušković, M., Tošić, S., Jenačković Gocić, D.
Adaptive traits of *Najas marina* L. in lotic and lentic ecosystems across six districts of Serbia
- 45 Bokić, B., Obradov, D., Vlku, A.Z., Todorović, R., Rat, M., Anačkov, G.
Revision of the genus *Veronica* L. (fam. Plantaginaceae) in the BUNS herbarium
- 46 Bokić, B., Rat, M., Radak, B.

Where did Astragalus varius S.G. Gmel. subsp. varius and Veronica bachofenii Heuff. disappear from?

- 47 Jotić, B., Stojiljković, B., Jenačković Gocić, D., Stojanović, J., Marković, M., Zlatković, B.
New data for the flora of Serbia

- 48 Đorđević, V., Komatović, S., Radosavljević, S., Krdžić, S., Novković, I.
Orchids of the Kopaonik National Park (Serbia): distribution and ecological preferences

- 49 Jarić, S., Jakovljević, K., Sekulić, D., Miletić, Z., Mitrović, M., Pavlović, P.
Protected areas in Belgrade - their susceptibility to allochthonous invasive species

- 50 Duraki, Š., Stevanoski, I., Kuzmanović, N., Lakušić, D.
Distribution, morphological and genome size variation in Alnus rohlenae (Betulaceae) on the vertical profile of Mt. Šarplanina – preliminary results

- 51 Sarajlić, N., Jenačković Gocić, D.
Effects of urbanization on flora of Sarajevo (Bosnia and Herzegovina)

- 52 Kozhuharova, A., Yankova-Tsvetkova, E., Stoyanov, S., Stanilova, M.
Seed viability and in vitro plants regeneration of the endangered species Astragalus corniculatus M. Bieb. (Fabaceae) from Bulgarian natural populations

- 53 Kozhuharova, A., Stanilova, M., Nikolova, S., Traykova, B., Aneva, I.
Hydroponic propagation and organic cultivation of selected Thymus species

- 54 Pavlović, M.M., Zlatković, B., Tošić, S.
A first in vitro regeneration protocol for Micromeria myrtifolia Boiss. & Hohen. from seedling explants

- 55 Doycheva, I., Tasheva-Terzieva, E., Stoyanov, S.
Influence of various factors of the cultivation media on the growth of the endemic species Brassica jordanoffii O.E. Schulz

- 56 Matić, N., Ćosić, M., Božović, Đ., Vujičić, M., Vrbničanin, S., Božić, D., Sabovljević, A., Sabovljević, M.
Can ethanolic extracts of liverwort Metzgeria furcata suppress weed Abutilon theophrasti?

- 57 Božović, Đ., Matić, N., Vujičić, M., Ćosić, M., Sabovljević, A., Sabovljević, M.
Allelopathic Interactions Between Liverworts and Radish (Raphanus sativus): Investigating Growth and Germination Responses

- 58 Crnković, M., Šućur Elez, J., Peić Tukuljac, M., Kljak, K., Jovanović-Šanta, S.

Pigment content in sunflower and maize treated with sodium cholate, elicitor substance from manure

59

Maksimović, J., Buzurović, U., Buntić, A., Đikanović, N., Pavlović, J., Milinković, M., Knežević, M.

Improvement of carrot seed germination by *Bacillus* spp. isolates

60

Filipović, S., Vučenović, I., Đurović, S., Mitić, S., Radović, A.

Assessment and management of soil fertility for vineyard establishment (*Vitis vinifera* L.)

61

Filipović, S., Vučenović, I., Đurović, S., Mitić, S., Vasić, A., Radović, A.

Agrochemical soil analysis for the establishment of strawberry (*Fragaria x ananassa* Duch) plantations in the Trstenik region

62

Pekeč, S., Milović, M., Drekić, M., Vasić, V., Orlović, S.

Phenological phases of leafing and leaf fall in stands of sessile oak (*Quercus petraea* Matt. Liebl.) and pedunculate oak (*Quercus robur* L.) during 2024.

Phytochemistry and Phytotherapy, Hall 1

Saturday, May 24th, 2025.

Chairs of the section: Matejić, J., Mladenović, M.

Oral Presentations

10.00-10.10

Simonović, N., Stojanović-Krasić, M., Milenković, L., Ilić, Z., Stanojević, Lj., Cvetković, D., Stanojević, J.

Simonović, N., Faculty of Technology, University of Niš, Leskovac, Serbia

Optimization of maceration conditions for stems and leaves of *Tagetes patula* L.

10.10-10.20

Acar, A.G., Şahin, T., Çamlı, M.C., Severoğlu, Z., Kılıç, Ö., Aşkın, S.

Severoğlu, Z., Department of Biology, Faculty of Science, Marmara University, Türkiye

The essential oil property of *Origanum vulgare* subsp. *gracile* and the biological activities and usage areas of some taxa belonging to the genus *Origanum* L.

10.20-10.30

Badalamenti, N., Pavela, R., Maggi, F., Spinozzi, E., Bruno, M.

Badalamenti, N., Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Palermo, Italy; NBFC-National Biodiversity Future Center, Palermo, Italy

Spectroscopical analyses, cytotoxic and insecticidal effects of *Artemisia campestris* subsp. *variabilis* (Ten.) Greuter essential oil and its main components

10.30-10.40

Stanojević, Lj., Milenković, A., Nikolić, G., Zvezdanović, J., Stanojević, J.

Milenković, A., Faculty of Technology, University of Niš, Leskovac, Serbia
Chemical composition and antioxidant activity of Geranium robertianum L. leaves hydrolate

10.40-10.50

Porrello, A., Castagliuolo, G., Vaglica, A., Moscedano, M., Antonini, D., Varcamonti, M., Iardi, V., Bruno, M., Zanfardino, A.

Porrello, A., Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF), University of Palermo, Palermo, Italy

Antioxidant and antimicrobial activities of essential oils from the Sicilian (Italy) accession of Pimpinella peregrina L.

10.50-11.00

Acar, A.G., Şahin, T., Çamlı, M.C., Severoğlu, Z., Kılıç, Ö., Aşkın, S.

Aşkın, S., Department of Biology, Institute of Science, Marmara University, Türkiye

Essential oil characteristics of Mentha longifolia subsp. typhoides var. calliantha and the biological activities and usage areas of some taxa belonging to the genus Mentha L.

11.00-11.10

Milenković, A., Stanojević, J., Cvetković, D., Nikolić, V., Stanojević, Lj.

Milenković, A., Faculty of Technology, University of Niš, Leskovac, Serbia

The reducing power of black pepper (Piper nigrum L.) essential oil and hydrolate

Ecology and Environmental Protection, Hall 2

Saturday, May 24th, 2025.

Chairs of the section: Andrejić, G., Stamenković, S.

Oral Presentations

10.00-10.10

Brzozowski, M., Pelechaty, M.

Brzozowski, M., Department of Ecology and Environmental Protection, Poznań University of Life Sciences, Poznań, Poland

Expansion of Lychnothamnus barbatus in response to climate change

10.10-10.20

Stamenković, S., Nešović, S.

Stamenković, S., Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Niš, Serbia

Air quality in the urban and surrounding area of a mining center in eastern Serbia using lichens as an biological indicators

10.20-10.30

Čirković, G., Rakonjac, A., Ajtić, R.

Čirković, G., Department of Biology and Ecology, Faculty of Science, University of Kragujevac, Kragujevac, Serbia

From algae to zooplankton: What Pelophylax kl. esculentus tadpoles eat in the Morava River Basin (Republic of Serbia)

10.30-10.40

Stanković, N., Meißner, S., Fastner, J., Monaghan, M., Hilt, S.

Stanković, N., Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany; Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Serbia

Ecological and molecular assessment of toxic cyanobacteria in macrophyte-associated biofilms

10.40-10.50

Savić Zdravković, D., Ilić, M.P., Jovanović, M.D., Stojanović, J., Nikolić, M.

Savić Zdravković, D., Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Niš, Serbia; Biological Society "Dr. Sava Petrović", Niš, Serbia

From fire history to conservation strategy: An integrated biodiversity and risk assessment in Lalinačka slatina

10.50-11.00

Stanković, N., Kostić Kokić, I., Fideršek Dudić, M., Begović, M., Petronijević, T.

Stanković, N., Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Berlin, Germany; Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Serbia

Allelopathic potential of microcystin-RR at environmentally relevant concentrations: Species-specific growth responses of cyanobacteria and green microalgae

Nature Protection, Hall 1

Saturday, May 24th, 2025.

Chairs of the section: Čušterevska, R., Jelić, I.

Introductory Lectures

12.00-12.15

Jelić, I., Stojanović, V., Tabašević, M.

Jelić, I., Institute for Nature Conservation of Serbia, Belgrade, Serbia

Protection of the Banat peony (*Paeonia officinalis* subsp. *banatica* (Rochel) Soó) within the outstanding natural landscape Rudnik Mountain

Oral Presentations

12.15-12.25

Stojanović, V., Sokolović, D., Niketić, M., Matić, B., Petrović, M.

Stojanović, V., Natural History Museum, Belgrade, Serbia

Contribution to knowledge of the flora of the Gornjačka gorge

12.25-12.35

Stanković, M., Pokret gorana Sremska Mitrovica, Sremska Mitrovica, Serbia

New species in the flora of SNR Zasavica

12.35-12.45

Joksimović, A., Marković, O., Pešić, A., Četković, I.

Joksimović, A., Institute of Marine Biology-University of Montenegro, Kotor, Montenegro

New dangerous invasive species of lionfish (*Pterois miles*) on the Montenegrin coast, Adriatic Sea, how to react?

12.45-12.55

Stojiljković, B., Nedeljković, D., Jotić, B., Zlatković, B.

Stojiljković, B., Institute for Nature Conservation of Serbia, Unit in Niš, Niš, Serbia
Rediscovery and conservation of the population of *Hypocoum pseudograndiflorum* (Papaveraceae) at the Niš Fortress

12.55-13.05

Đurđević, A., Lepojević, I., Stojanović, V.

Đurđević, A., Institute for Nature Conservation of Serbia, Office in Niš, Niš, Serbia
Protecting habitat of *Cordulegaster heros* Theischinger, 1979 (Insecta: Odonata) as a strategy for conservation of plant species and their communities

13.05-13.15

Stojanović, J., Jenačković Gocić, D., Jotić, B., Jovanović, M.D., Nikolić, J., Stojković, J., Pavlović, M.M., Raca, I., Nikolić, D., Jušković, M., Mitić, Z., Zlatković, B.

Stojanović, J., Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Niš, Serbia
Chasmophytic vegetation of the high-mountain belt of Suva Planina Mt.: A call for conservation efforts

13.15-13.25

Stojković, M., Institute for Nature Conservation of Serbia, Office in Niš, Niš, Serbia

Contribution of Professor Siniša Stanković in research and proposals for the protection of the Ohrid Lake between the two World Wars

13.25-13.35

Stanković, M., Pokret gorana Sremska Mitrovica, Sremska Mitrovica, Serbia

Overview of the ferns (Pteridophyta) of the Zasavica Special Nature Reserve

13.35-13.45

Jovanović, M.D., Stojanović, J., Jotić, B., Nikolić, J., Stojković, J., Pavlović, M.M., Raca, I., Jenačković Gocić, D., Nikolić, D., Jušković, M., Mitić, Z., Zlatković, B.

Jotić, B., Department of Biology and Ecology, Faculty of Sciences and Mathematics, University of Niš, Niš, Serbia

Endangered and protected plant species in the high mountain belt of Suva Planina Mt.: Current state and perspectives

13.45-13.55

Stojiljković, B., Zlatković, B., Jovanović, M.D., Đorđević, M., Mitić, Z., Tošić, S., Jušković, M.

Stojiljković, B., Institute for Nature Conservation of Serbia, Unit in Niš, Niš, Serbia

Priority species, floristic hotspots and their networking: An approach to the long-term conservation of Lalinac Salt Marsh

13.55-14.05

Damjanović, J., Stanković, M.

Damjanović, J., Pokretu za zaštitu i negovanje reke Bosut, Batrovci, Srbija
Floristic values of Mali Bosut Nature Park

14.05-14.15

Stanković, M., Pekić, A., Simikić, S.

Pekić, A., Udruženje građana "Čuvari Majevice", Lopare, Bosnia and Herzegovina

Results of floristic research of Majevac in the territory of the Municipality of Lopare, Bosnia and Herzegovina

Poster Session 2:

Ecology and Environmental Protection

Nature Protection

Phytochemistry and Phytotherapy

15.30-17.00

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- 1 Nahirnić-Beshkova, A., Shamshev, I., Barták, M., Đorđević, V.
The first records of the pollinators of *Gymnadenia frivaldii* (Orchidaceae) on the Balkan Peninsula
- 2 Jušković, M., Jenić, J., Stojanović, J., Nikolić, D., Jenačković Gocić, D.
Bioindicator potential of *Pinus nigra* J.F. Arnold needles in polluted areas: Morphological and anatomical insights
- 3 Pečić, M., Jerinkić, D., Jakovljević, O.
Water quality assessment of the Čelije reservoir based on periphytic diatoms inhabiting artificial substrate
- 4 Popović, S., Jakovljević, O., Savković, Ž., Stupar, M.
Life under lighting system in Stopić Cave: phototrophs and fungi on artificial substrates
- 5 Vukotić, D., Andrejić, G., Kuzmanović, N., Stojanović, J., Jenačković Gocić, D.
Environmental gradients in wetlands: Soil pH variability and its role in structuring wetland vegetation
- 6 Paušić, I., Granda, T.
Protecting orchid biodiversity in the age of "green energy": First report of the large-scale terrestrial orchid *Neotinea tridentata* Scop. (Orchidaceae) conservation translocation in Slovenia. How to measure it's success?
- 7 Tijanić, A., Lazarević, M., Cvetković, V., Mitić, Z., Nikolić, B.2, Nikolić, J., Žikić, V.
Effects of *Thuja plicata* essential oil on wing morphology in *Drosophila melanogaster*
- 8 Nastić, M., Jenačković Gocić, D., Nikolić, D., Raca, I., Petronijević, T., Kostić Kokić, I., Anđelković, T., Stanković, N.
Could cyanobacterial metabolites be responsible for the decline of *Pistia stratiotes* L.?
- 9 Stamenković, O., Kostić Kokić, I., Stojković, O., Petrović, M., Anđelković, T., Raca, I.
The influence of phosphorus enrichment on the growth of *Ceratophyllum demersum* L. in ponds: a mesocosm approach
- 10 Nikolić, M., Ilić, M.P., Samardžić, A., Medenica, I., Savić Zdravković, D.

Evidence-based proposal for boundary revision of *Lalinačka slatina* using bird diversity data

- 11 Andrejić, G., Brajević, S., Stanojković, J., Aleksić, U., Milanović, N.

Cadmium accumulation and its impact on photosynthetic pigments in basil (*Ocimum basilicum*)

- 12 Jadranin, B., Ćosić, M., Božović, Đ, Ignatov, M., Troitski, A., Vujičić, M., Sabovljević, A., Sabovljević, M.

Pioneering approaches in ex situ propagation and conservation physiology of the rare moss *Podperaea krylovii* (Amblystegiaceae)

- 13 Ćosić, M., Božović, Đ., Jadranin, B., Vujičić, M., Sabovljević, A., Sabovljević, M.

Optimization of in vitro propagation of the rare and threatened moss *Cynodontium tenellum* (Schimp.) Limpr. (Rhabdoweissiaceae)

- 14 Petrović, M., Krstić-Milosević, D., Banjac, N.

Cytokinins differentially improved shoot multiplication and secoiridoid contents of *Gentiana dinarica* Beck., an endangered medicinal plant

- 15 Ćušterevska, R., Stojchevska, C., Cvetanoska, S.V., Ivanova, A.Sh.

First IUCN Red List assessment of rare and endemic plant species in North Macedonia

- 16 Jovanović, M.D., Stojiljković, B., Nedeljković, D., Nikolić, M., Zlatković, B.

New insights into the flora of Baljevski vrhovi - a conservation aspect

- 17 Matejić, J., Džamić, A., Marković, M., Ivanović, T., Dragičević, A., Pavlović, D.

Traditional use of medicinal plants for respiratory tract therapy in the urban ecosystem of Niš

- 18 Dragičević, A., Matejić, J., Stanojević, Lj., Stanojević, J., Pavlović, D.

Chemical profile of extracted volatile compounds of *Ocimum basilicum* L. hydrosol

- 19 Dragičević, A., Stojanović, N., Matejić, J., Pavlović, D.

Anti-inflammatory and spasmolytic activity of sweet basil hydrosol

- 20 Žarković, L., Đorđević, J., Matejić, J., Džamić, A.

Antioxidant and hypoglycemic properties of *Rosa micrantha* Borrer ex Sm. extracts

- 21 Bruno, M., Badalamenti, N., Ilardi, V., Maggi, F., Quassinti, L., Bramucci, M.

The cytotoxic effects on tumour cell lines of *Thymus zygis* subsp. *gracilis* essential oil and its principal constituents

- 22 Milovanović, M., Savić, I., Savić Gajić, I.

Total phenolic content and antiradical activity of wild cyclamen (*Cyclamen purpurascens* Mill.) tuber extract from Southeast Serbia

- 23 Dorđević, J., Žarković, L., Matejić, J., Džamić, A.
Total phenolic content and radical scavenging properties of Dictamnus albus L. extracts
- 24 Milosavljević, K., Zlatković, B., Zvezdanović, J., Lazarević, J.
The effect of Ajuga laxmannii (L.) Benth. essential oil and its constituents on the inhibition of lipid peroxidation
- 25 Gocić, V., Zvezdanović, J., Lazarević, J.
Antioxidative effects of naturally occurring hydroxychalcones: a lipid peroxidation study
- 26 Kilibarda S., Mačukanović- Jocić M., Dajić Stevanović Z.
Balkan medicinal plants with traditional use in the treatment of eczema and psoriasis
- 27 Radulović, M., Janačković, P., Dajić-Stevanović, Z., Gavrilović, M.
Ethnobotanical survey of usage of the Artemisia L. (Asteraceae) plants from southeastern Serbia
- 28 Nikolić, B., Vuletić, S., Ganić, T., Ignjatijević, A., Anđić, T., Spasović, S.
Could the traditional medicinal plants Gentiana lutea and Achillea millefolium be useful to combat Listeria monocytogenes biofilm?
- 29 Kanjevac, M., Jakovljević, D., Bojović, B., Stanković, M.
Effect of foliar application of salicylic acid on the antioxidant capacity of Greek basil (Ocimum basilicum var. minimum)
- 30 Jovanović, M., Milutinović, M., Branković, S., Randelović, M., Miladinović, B., Kitić, N., Čujić-Nikolić, N., Šavikin, K., Kitić, D.
Extract of Gentiana asclepiadea L. in microencapsulated and unencapsulated forms for the treatment of gastrointestinal spasms
- 31 Kukić-Marković, J., Ranimirović, M., Stojanović, D.
Anatomical characterization of the aerial parts of Capsella bursa-pastoris (L.) Medik (Brassicaceae)
- 32 Pećinar, I., Rančić, D., Mačukanović-Jocić, M.
Analysis of milky sap content of dandelion (Taraxacum officinale F. H. Wigg.) using Raman spectroscopy
- 33 Savić, A., Alimpić Aradski, A., Stefanović Kojić, J., Jakovljević, D., Gojgjić-Cvijović, G., Vrvic, M.
Nutrient composition of indigenous pear cultivars and a commercial variety (Williams Bartlett) cultivated in Serbia
- 34 Gusinac Avdović, Š., Mladenović, M., Radulović, N.
New esters from the essential oil of Pelargonium graveolens (Geraniaceae)

- 35 Gusinac Avdović, Š., Mladenović, M., Radulović, N.
Chemical composition of tea tree (*Melaleuca alternifolia*) (Maiden & Betche) Cheel essential oil
- 36 Bozinovska, A., Dzambazovska, S., Stojov, D., Mancevski, I., Trebichliev, Lj., Hristova, D., Tusevski, O., Gadzovska Simić, S.
Shoot cultures as a promising system for cannabinoid production in cannabis (*Cannabis sativa* L.) cultivars
- 37 Dzambazovska, S., Bozinovska, A., Stojov, D., Mancevski, I., Trebichliev, Lj., Hristova, D., Tusevski, O., Gadzovska Simić, S.
Cannabinoid production in shoot cultures of cannabis (*Cannabis sativa* L.) cultivars
- 38 Pavlović, M., Delić, G.
Evaluation of total phenolic content, flavonoid content, and antioxidant activity of aqueous extracts from *Lithospermum officinale* L.
- 39 Pavlović, D., Stojanović, S., Tasić-Kostov, M.
Propylene glycol as extraction solvent in herbal extracts for topical use- safety/irritation considerations
- 40 Maksimović, B., Madić, V., Petrović, A., Jakovac, H., Dominović, M., Jušković, M., Mladenović, N., Đorđević, Lj., Vasiljević, P.
Co-treatments alters RBCs, haemoglobin and hematocrit levels in STZ-induced diabetic rats
- 41 Madić, V., Maksimović, B., Petrović, A., Mladenović, N., Manojlović, N., Jušković, M., Đorđević, Lj., Ivić, M., Vasiljević, P.
Sennae folium decoction: A toxicological investigation into cytotoxic and genotoxic properties
- 42 Milutinović, M., Mladenović, N., Petrović, A., Đorđević, Lj., Jušković, M., Zlatković, B., Maksimović, B., Madić, V., Vasiljević, P.
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- 43 Petrović, A., Madić, V., Maksimović, B., Stefanović, B., Mladenović, N., Jakovac, H., Dominović, M., Jušković, M., Đorđević, Lj., Vasiljević, P.
A-amylase inhibition activity of the polyherbal mixture extract and standard antidiabetic drugs co-treatments
- 44 Stamenković, J., Petrović, G., Đorđević, A., Velimirović, D.
Chemical profile of *Myrrhoides nodosa* (L.) Cannon headspace volatiles obtained from different plant parts
- 45 Stamenković, J., Petrović, G., Đorđević, A., Velimirović, D.
Antibacterial potential of *Achillea coarctata* Poir. essential oils in the treatment of *Salmonella* abony

- 46 Stojadinović, T., Kanjevac, I., Nešić, M.S., Nešić, M.D., Radulović, N.
Surface wax constituents of Helleborus odoratus Waldst. & Kit. ex Willd.: A source of structurally diverse lipophilic compounds
- 47 Kanjevac, I., Stojadinović, T., Nešić, M.D., Nešić, M.S., Radulović, N.
Volatile constituents of Bupleurum affine Sadler and Bupleurum prealtum L.
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Variability of needle terpenes of Pinus heldreichii Christ (Pinaceae)
- 49 Dimitrijević, M., Vasić, L., Raca, I., Radulović, N.
Where have the angelates gone? A closer look at Doronicum hungaricum Rchb.f. metabolites
- 50 Dimitrijević, M., Mladenović, M., Nešić, M.D., Dekić, M., Raičević, V., Radulović, N.
New 2-methoxycuminy l esters from the essential oil of Doronicum columnae Ten.
- 51 Nikolić, J., Mitić, Z., Zlatković, B., Stojanović, G.
Variability of needle headspace volatiles in natural populations of Abies alba Mill. from North Macedonia
- 52 Kukić-Marković, J., Milutinović, V., Ušjak, Lj., Niketić, M., Petrović, S.
Phytochemical characterization and antioxidant potential of methanol extracts of two Stachys species
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Antimicrobial activity of silver nanoparticles biosynthesized by aqueous extract of blackberry leaves
- 54 Stojković, J., Cvetković, A., Nikolić, J.
Essential oil variability in Achillea lingulata Waldst. & Kit. (Asteraceae)
- 55 Vasić, L.R., Nešić, M.D., Radulović, N.
Methyl ketones from the essential oil of Humulus lupulus L.: Potential contributors to the aroma and flavor profile of beer
- 56 Miladinović, B., Kostić, M., Milutinović, M., Živanović, S., Branković, S., Jovanović, M., Kitić, D.
Anthocyanin composition and antioxidant activity of four black currant (Ribes nigrum L.) juices
- 57 Zlatković, D., Đorđević Zlatković, M., Raca, I., Radulović, N.
Could γ-costyl esters serve as chemotaxonomic markers of Achillea atrata?
- 58 Zlatković, D., Radulović, N., Đorđević Zlatković, M., Stojanović, N., Nešić, M.S., Potić Floranović, M., Tričković Vukić, D., Randelović, P.

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Randelović, M., Branković, S., Miladinović, B., Milutinović, M., Jovanović, M., Kitić, N., Živanović, S., Kitić, D.

Spasmolytic effects of hydroethanolic extract of Salvia sclarea L. on isolated rat trachea

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Stojković, O., Otašević, S., Randelović, M., Stojanović-Radić, Z.

Antifungal, anti-biofilm and synergistic potential of Syzygium aromaticum essential oil against otomycosis-associated Candida spp.

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Stojanović, D., Zbiljić, M., Marčetić, M., Ćurčić, M.

Concentration of heavy metals in the leaves of rosemary (Salvia rosmarinus Spenn., Lamiaceae) cultivated in urban habitats of Belgrade

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Stojković, O., Otašević, S., Randelović, M., Stojanović-Radić, Z.

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