

Department of Biology and Ecology,
Faculty of Sciences and Mathematics, University of Niš
Institute for Nature Conservation of Serbia

**13th Symposium
on the Flora of Southeastern Serbia
and Neighboring Regions**

Stara planina Mt. 20 to 23 June 2019



**13. Simpozijum
o flori jugoistočne Srbije
i susednih regiona**

Stara planina 20. do 23. jun 2019.

**ABSTRACTS
APSTRAKTI**

Niš-Belgrade, 2019

Department of Biology and Ecology,
Faculty of Sciences and Mathematics, University of Niš
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Southeastern Serbia
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Abstracts

This Symposium is organized with the financial support of the Ministry of Education, Science and Technological Development of Republic of Serbia

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Regions, Stara planina Mt., 20th to 23th June 2019**

Book of Abstracts

Organizers

**Department of Biology and Ecology, Faculty of Science and
Mathematics, University of Niš**

Institute for Nature Conservation of Serbia

Editors

Vladimir Ranđelović, Zorica Stojanović-Radić, Danijela Nikolić

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PROGRAMME

Thursday, June 20th, 2019

19.00-22.00 Registration

Friday, June 21th, 2019

8.00-10.00 Registration

10.00-10.30 Opening Ceremony

10.30-11.30 Plenary Session

Hall 1

12.00-13.30 Taxonomy and Systematics

15.30-16.30 Taxonomy and Systematics

Hall 2

12.00-13.30 Phytochemistry and Phytotherapy

15.30-16.30 Phytochemistry and Phytotherapy

Poster Session 1

17.00-18.30

Phytochemistry and Phytotherapy, Useful Plants

Saturday, June 22th, 2019

9.00-18.00 Excursions

Excursion 1 (hiking tour to the Midžor peak)

Excursion 2 (Hotel-Bigreni waterfalls-Temska)

Excursion 2-Alternative (hiking tour to the Babin Zub peak)

19.00-20.00 Panel Discussion

Euro+Med and the Balkan Taxa

21.00 Conference dinner

Sunday, June 23th, 2019

Hall 1

9.30-12.30 Phytogeography, Floristics and Phytoecology

12.30-14.00 Nature Protection and Environment

Hall 2

10.00-11.00 Agriculture, Forestry and Landscape Architecture

11.00-11.30 Genetics, Selection and Biotechnology

11.30-12.00 Useful Plants

12.00-13.00 Zoology (Animals and Plant Interactions)

Poster Session 2

15.30-17.00

Taxonomy and Systematics,

Phytogeography, Floristics and Phytoecology

Poster Session 3

17.00-18.30

Nature Protection and Environment

Genetics, Selection and Biotechnology

Agriculture, Forestry and Landscape Architecture

Biological indication of air quality in the urban area of Bosilegrad (Southeastern Serbia) by use lichens

Stamenković, S.¹, Ristić, S.², Marković, M.¹, Djekić T.³

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Air pollution detection in Bosilegrad has not been done yet. In this work different lichens species have been used as a bioindicators to establish different air pollution levels. At 26 investigated points 23 lichen species from 15 genera have been found. Using the Index of Atmospheric Purity (IAP) it has been found that there are 2 different air pollution zones in Bosilegrad: "lichen desert", and "struggle zone". The most sensitive lichen taxa in Bosilegrad are *Pleurosticta acetabulum*, *Melanohalea exasperata*, *Melanohalea exasperatula*, *Melanelixia subaurifera*, and the most tolerant are *Phaeophyscia orbicularis*, *Physcia adscendens*, *Physcia aipolia*, *Physconia enteroxantha* and *Xanthoria parietina*.

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Traditional pig herding as suitable habitat management of endangered wetland species

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Managing protected areas within cultural landscapes requires deep knowledge of traditional land-use practices that have contributed to the preservation of natural values. This case study shows the positive effects of pig herding on the survival of