



PROGRAM

10th STUDENT SCIENTIFIC CONFERENCE “ECOLOGY AND ENVIRONMENT”

April 29, 2022

- 12:00 – 13:00 **Registration and posters** – lobby on the third floor
Online participations: meet.google.com/usp-xwzs-fvh
- 13:00 – 13:10 **Opening ceremony:** hall 316
- 13:10 – 13:40 **Plenary lecture:** Sturgeon conservation in Bulgaria (Stoyan Mihov), hall 316
- 13:40 – 14:10 **Seminar:** The black mussel *Mytilus galloprovincialis* Lamarck, 1819 as an indicator of the state of the Black Sea (prof. Ts. Ivanova), hall 316
- 14:10 – 15:20 **Section “Ecology and environment”**, Moderator: assoc. prof. Zheni Stoyanova, hall 316
- 15:20 – 15:30 **Coffee break**
- 15:30 – 16:00 **Poster Session. Section “Ecology and environment”**, Moderator: assoc. prof. Darina Bachvarova, lobby on the third floor
- 15:30 – 16:00 **Art exhibition “BIO LOGICHNO”**, Maria Kaschieva, lobby on the third floor
- 16:00 – 17:10 **Section “Biodiversity, Education”**, Moderator: prof. Nicolay Natchev, hall 316
- 17:10 – 17:30 **Coffee break**
- 17:30 – 18:00 Awarding ceremony and Closing Remarks, prof. Ts. Ivanova, hall 316



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DEPARTMENT OF BIOLOGY



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Section “Ecology and environment”

(Oral presentations)

Moderator: assoc. prof. Zheni Stoyanova

- OP1** Study of the factors affecting the ecological situation into the river basin of the
14:10 – 14:20 Kyustendilska Bistritsa river // Neli Siveva, Tomislav Skandaliev, Hristofor
Skandaliev (online)
- OP2** Temporal variability of pro/antioxidant status in black mussels (*Mitilus*
14:20 – 14:30 *galloprovincialis*, Lamarck 1819) under changing marine environmental conditions
// Hristiyana Kanzova, Georgi Pramatarov, Almira Georgieva, Elina Tsvetanova,
Madlena Andreeva, N. Nachev
- OP3** Investigation of the ecotoxicity of various metals using the microorganisms isolated
14:30 – 14:40 from black mussels as biological tests // Aysel Lyatif, Sevginar Ibryamova, Darina
Bachvarova, Dimitar Dimitrov, Nikolay Natchev, Tsveteslava Ignatova-Ivanova
- OP4** Study of some microbiological aspects of key fish species from the Bulgarian Black
14:40 – 14:50 Sea area // Stephany Toschkova, Sevginar Ibryamova, Borislava Pavlova, Radoslav
Ivanov, Nikolay Natchev, Tsveteslava Ignatova-Ivanova
- OP5** Hydrological alterations, as a main negative influence on the macrozoobenthic
14:50 – 15:00 community in downstream river stretches - Case study of Golyama Kamchia river //
Stoycho Trifonov, Dimitar Doichev, Teodora Koynova, Nikolay Natchev
- OP6** Challenges in assessing biodiversity in urban ecosystems through the focus of
15:00 – 15:10 ornithological research // Ivaylo Ivanov
- OP7** Setting the site specific conservation objectives (SSCO) for Natura 2000 sites in
15:10 – 15:20 Bulgaria // Nikolay Nedyalkov (online)



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(Poster session)

Moderator: assoc. prof. Darina Bachvarova
lobby on the third floor

- P1** Contribution to the Research on the myriapoda fauna (Myriapoda: Diplopoda) on the Frangensko Plateau, North-Eastern Bulgaria // Erol Hristov, Milena Stancheva, Darina Bachvarova
- P2** *Shendyla carniolensis* Verhoeff, 1902: A new species in the myriapoda fauna (Myriapoda: Chilopoda) on the Frangensko Plateau // Milena Stancheva, Erol Hristov, Darina Bachvarova
- P3** Erhard’s Wall Lizard (*Podarcis erhardii*) on the Black Sea coast: First record from Bulgaria // Teodora Koynova, Pavlina Marinova, Stoyan Mihov, Nikolay Natchev
- P4** New data on the distribution of the Eurasian Blind Snake (*Xerotyphlops vermicularis*) in Bulgaria // Teodora Koynova, Pavlina Marinova, Nikolay Natchev
- P5** Use of plants in religious and spiritual practices in Nepal // Martin Marinov
- P6** The complex trait height at a Bulgarian family // Maria Atanasova, Vanya Koleva
- P7** The complex trait height in 5th grade students from urban and rural areas in Bulgaria // Mehmed Mustafa, Vanya Koleva



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Section “Biodiversity, Education”

(Oral presentations)

Moderator: prof. Nikolay Natchev

- OP8** Update of distribution data of the Viviparous lizard *Zootoca vivipara* 16:00 – 16:10 (Lichtenstein, 1823) (Reptilia: Lacertidae) in key localities in Bulgaria // Daniela Karakasheva
- OP9** New data on the distribution of the Eurasian beaver (*Castor fiber* Linnaeus, 1758) 16:10 – 16:20 in Bulgaria // Nikolay Kodzhabashev, Milen Ignatov, Teodora Teofilova (онлайн)
- OP10** Restoration activities in natural habitat 62C0 * Ponto-Sarmatian steppes // Maria Kaschieva 16:20 – 16:30
- OP11** Visitors in nature parks – ecosystem service consumers and environmental 16:30 – 16:40 volunteering // Nikolay Kolev, V. Koleva, T. Koynova, Asya Dragoeva (онлайн)
- OP12** The ecological paradigm in a bible perspective // Boycho Borisov 16:40 – 16:50
- OP13** Environmental education of basic school students in the interests of sustainable 16:50 – 17:00 development // Georgy Nedyurmagomedov
- OP14** Thermodynamic study of aqueous Na and Fe(II) selenate system at the 17:00 – 17:10 temperature 25°C // Tsvetan Tsenov, Dencho Mihov, Stanislav Donchev, Romyana Yankova, Christomir Christov (online)