



PROGRAM

THIRD STUDENT SCIENTIFIC CONFERENCE

“ECOLOGY AND ENVIRONMENT”

April 24, 2015

- 9:00 – 10:00 **Registration:** hall 202.
Posters – lobby on the second floor
- 10:00 – 10:15 **Opening ceremony:** hall 202
- 10:15 – 10:45 **Plenary lecture:** Biodiversity in a dish – Slow Food and the preservation of traditional knowledge (assoc. prof. Desislava Dimitrova, assis. prof. Teodora Ivanova), hall 202
- 10:45 – 12:00 **Section 1: “Ecological physiology and environmental education”**, Moderator: assoc. prof., Ts. Ivanova hall 202
- 12:00 – 12:15 **Art exhibition “Earth is our home”**, students of “Sava Dobroplodni” Secondary school, tutors: Violeta Petrova and assoc. prof. Dimitar Balkansky, lobby on the second floor
- 12:15 – 13:00 Lunch
- 13:00 – 14:30 **Section 2: “Plant Ecology”**, Moderator: assoc. prof. V. Koleva, hall 202
- 14:30 – 15:00 **Poster session:** lobby on the second floor
- 15:00 – 15:15 Coffee break
- 15:15 – 16:15 **Section 3: “Animal ecology”**, hall 202, Moderator: assoc. prof. N. Natchev
- 16:15 – 17:00 **Earth Day 2015 – “It's our Turn to Lead”**: A Billion Acts of Green® – planting a tree (walnut) in the campus of University of Shumen
- 17:00 – 17:30 Awarding ceremony and Closing Remarks, prof. N. Chipev, hall 202
- 19:00 **Conference cocktail party:** Canteen in the basement of K1

PROGRAM

Oral presentations

Section 1: “Ecological physiology and education”

Moderator: assoc. prof. Ts. Ivanova

hall 202

- 10:45 – 11:00 **OP1:** The online platform “Group of Integrative Zoology (GIZ)” – a novel model for information exchange between students and mentors (Nikolay Natchev, Yurii Kornilev)
- 11:00 – 11:15 **OP2:** Interactive technology possibilities of creating positive students’ motivation for learning Chemistry and Environmental protection in 7th grade (Renay Rafi, Petinca Galcheva, Krasimira Dimitrova)
- 11:15 – 11:30 **OP3:** Isolation, purification and analysis of secondary metabolites of plant origin: Ursolic acid (Dimitar Dimitrov, Krasimir Tachev)
- 11:30 – 11:45 **OP4:** Predicting Biological Activity- Allergenicity Using Discriminant Analysis (Ivelina Stefanova, Lyudmila Naneva)
- 11:45 – 12:00 **OP5:** Radio immunological methods for measuring tumor markers (Desislava Stancheva, D. Tsingilev)

Section 2: “Plant Ecology”

Moderator: assoc. prof. V. Koleva

hall 202

- 13:00 – 13:15 **OP6:** Allelopathic and cytotoxic activity of *Origanum vulgare* ssp. *Vulgare* growing wild in Bulgaria (Asya Dragoeva, Vanya Koleva, Zheni Nanova, Mariya Kaschieva, Irina Yotova)
- 13:15 – 13:30 **OP7:** Medicinal plants in Stara Planina Mt (Central Bulgaria) (Dimcho Zahariev, Lidia Taneva, Kristina Racheva, Ismail Talibov)
- 13:30 – 13:45 **OP8:** Establishment of current state and conservation of orchids along marked tourist routes in Shumen Plateau Nature Park (Zheni Dimitrova, Mariya Kaschieva, Nadejda Kirilova, Mirela Marinova)
- 13:45 – 14:00 **OP9:** A survey on yarrow utilization for disease treatment and prevention in contemporary Bulgarian population (Zheni Dimitrova, Asya Dragoeva, Vanya Koleva, Milen Ivanov, Yavor Penkov, Borislav Georgiev)
- 14:00 – 14:15 **OP10:** *Hypericum perforatum* L. – rate and pattern of use in Bulgarian population (Vanya Koleva, Asya Dragoeva, Zheni Dimitrova, Georgi Dashev, Bilyana Boneva, Yanitsa Nikolova, Yoanna Gancheva, Leman Behchet)
- 14:15 - 14:30 **OP11:** Traditional folk medicine in Shumen district (Bulgaria): Part 1 – Ethnobotanical concern (Asya Dragoeva, Vanya Koleva, Zheny Dimitrova, Mariya Kaschieva, Kristina Yordanova, Zhaneta Hristova, Hriska Petkova)

PROGRAM

Oral presentations

Section 3: “Animal Ecology”

Moderator: assoc. prof. N: Natchev
hall 202

- 15:15 – 15:30 **OP12:** Seasonal dynamics of the activity of myriapods (Diplopoda, Chilopoda) on Madara Plateau, North-Eastern Bulgaria (Georgy Popov, Aleksandar Doichinov, Darina Bachvarova)
- 15:30 – 15:45 **OP13:** Contribution to the research on the taxonomic structure of Myriapoda (Chilopoda, Diplopoda) of Madara Plateau, North-Eastern Bulgaria (Dobromira Krasteva, Darina Bachvarova, Aleksandar Doichinov)
- 15:45 – 16:00 **OP14:** Investigation on the distribution of the invasive red Red-eared slider (*Trachemys scripta elegans*) in region of Varna city, Bulgaria (Yordanka Kuzmanova, Nikolay Natchev)
- 16:00 – 16:15 **OP15:** Remarks on the recent taxonomy and the status of genus *Orcinus* sp (Desislava Ivanova, Nikolay Natchev)
- 16:15 – 16:30 **OP16:** Determination of the conservation priority habitat categories based on the herpetofauna in a hot-spot area Pastrina hill (Miroslav Slavchev, Vladislav Vergilov, Georgi Popgeorgiev, Nikolay Tzankov)

Poster session

Moderator: dr. Darina Bachvarova
lobby on the second floor
14:30 – 15:00

- P1** Cytogenetic effects of Ergene river water on root tip cells of *Allium cepa* L. (Kezban Ozdemir, Martin Orlinov Kanev, Fulya Dilek Gökalp Muranli)
- P2** Dominant structure and habitat distribution of myriapods (Chilopoda, Diplopoda) on Madara Plateau, North-Eastern Bulgaria (Dobromir Dragiev, Aleksandar Doichinov, Darina Bachvarova)
- P3** Persistent Organic Pollutants - endocrine disruptors (Zhaklin Bakalova, Masha Radoslavova, Viktoriya Krassenova)
- P4** Anabolics – affect human health in sport (Tzveteslava Ignatova – Ivanova, Polina Vancheva, Harika Mehmedova)
- P5** Enzyme activities in soils from different habitats (Teodora Georgieva, Karamfil Kalchev)
- P6** *In vitro* antioxidant activity of herbal infusions (Katya Yanakieva, Nadezhda Petkova and Ivan Ivanov)
- P7** Impact of Biological Weapons on Ecology (Daniel Takev, Atanas Grozdev, Yovo Nankov)
- P8** Consequences of Using Nuclear Weapon (Daniel Takev, Atanas Grozdev, Yovo Nankov)
- P9** Conditions of environmental culture secondary school students (G. G. Nedyurmagomedov, I. A. Bagirova)