



## PROGRAM

### SECOND STUDENT SCIENTIFIC CONFERENCE “ECOLOGY AND ENVIRONMENT”

May 16-17, 2014

#### Friday, 16<sup>th</sup> May

- 9:00 - 10:00 **Registration** – hall 202. Posters - lobby on the third floor
- 10:00 – 10:15 **Opening ceremony**, hall 202  
**Opening remarks** – **Prof. Enchev** (Dean of the Faculty of Natural Sciences)
- 10:15 – 11:00 **Plenary lecture**: The scientific jump-off, or is it possible to run a successful international career with a low budget? (Assoc. prof. N. Natchev)
- 11:00 – 11:15 **Special lecture**: *Homo ecologus* (Emilya Encheva)
- 11:15 – 11:30 Coffee break
- 11:30 – 12:00 **Art exhibition “(Free) Environment”**, lobby on the third floor  
**Musical performance**: “**Humoresque**” by Antonin Dvorak, performers: flute duet Sevdalina Todorova and Rumina Georgieva, tutor: Margarita Racheva
- 12:00 – 13:00 Lunch
- 13:00 – 14:30 **Section 1: “Biological diversity”**, hall 202, Moderator: Assoc. Prof. Ts. Ivanova
- 14:30 – 15:00 Coffee break
- 15:30 – 17:30 **Section 2: “Nature protection”**, hall 202, Moderator: Assoc. prof. N. Natchev
- 19:00 Conference dinner, campus canteen

#### Saturday, 17<sup>th</sup> May

- 10:00 – 13:30 **Section 3: “Medicinal plants and ecophysiology”**, hall 202,  
Moderator: Dr. V. Koleva
- 10:10 – 10:45 **Plenary lecture**: Application of medical plants in Bulgaria – traditions and inovations (Assoc. prof. Krasimira Staneva)
- 13:30 – 14:30 **Poster Session** (with a glass of wine), lobby on the third floor
- 14:30 – 15:00 Awarding ceremony and Closing Remarks, prof. N. Chipev, hall 202



## ПРОГРАМА

### ВТОРА СТУДЕНТСКА НАУЧНА КОНФЕРЕНЦИЯ “ЕКОЛОГИЯ И ОКОЛНА СРЕДА”

16-17 МАЙ 2014

#### 16<sup>-ТИ</sup> май

- 9:00 - 10:00 **Регистрация** – зала 202. Постери – фоаето на трети етаж
- 10:00 – 10:30 **Откриване на конференцията**, зала 202  
**Приветствие: проф. д.х.н. Д. Енчев** (Декан на факултета по природни науки)
- 10:30 – 11:00 **Пленарен доклад:** Прескачане на препятствия в науката, или възможен ли е старт на успешна международна кариера при нисък бюджет? (доц. д-р Николай Начев)
- 11:00 – 11:15 **Специален доклад:** *Homo ecologus* (Емилия Енчева)
- 11:15 – 11:30 Кафе пауза
- 11:30 – 12:00 **Художествена изложба „(Свободна) Околна среда“** – фоайето на трети етаж  
**“Хумореска”** - музика Антонин Дворжак, изп. дует флейти Севдалина Тодорова и Румина Георгиева, преподавател гл. ас. Маргарита Рачева
- 12:00 – 13:00 Обяд
- 13:00 – 14:30 **Секция 1: “Биологично разнообразие”**, зала 202, Председател: доц. д-р Цв. Иванова
- 15:30 – 17:30 **Секция 2: “Опазване на природата”**, зала 202, Председател: доц. д-р Н. Начев
- 19:00 Вечеря, студентски стол

#### 17<sup>-ТИ</sup> Май

- 10:00 – 13:30 **Секция 3: “Медицински растения и екофизиология”**, зала 202,  
Председател: д-р В. Колева
- 10:10 – 10:45 **Пленарен доклад:** Приложение на лечебните растения в България – традиции и иновации (доц. д-р Красимира Станева)
- 13:30 – 14:30 **Постерна сесия** (с чаша вино), фоаето на трети етаж
- 14:30 – 15:00 Закриване на конференцията, проф. д-р Н. Чипев, зала 202



## PROGRAM

### Oral presentations

#### Section1: “Biological diversity”

Moderator: Assoc. Prof. Ts. Ivanova

Friday, 16<sup>th</sup> May, hall 202

- 13:00 – 13:15 **OP1:** Species composition and ecological structure of Myriapoda communities (Diplopoda, Chilopoda) in the suburban area of Shumen, North-Eastern Bulgaria (Dobromira Krasteva, Aleksandar Doichinov, Darina Bachvarova)
- 13:15 – 13:30 **OP2:** Contribution to the research on Myriapoda (Chilopoda) on the Madara Plateau, North-Eastern Bulgaria (Dobromir Dragiev, Darina Bachvarova, Aleksandar Doichinov)
- 13:30 – 13:45 **OP3:** Taxonomic structure and ecological characteristics of Myriapoda (Diplopoda) - in the Madara Plateau, North Eastern Bulgaria (Georgy Popov, Darina Bachvarova, Aleksandar Doichinov)
- 13:45 – 14:00 **OP4:** New locality of *Ophrys apifera* Huds. in Bulgaria (Dimcho Zahariev, Lidia Taneva)
- 14:00 – 14:15 **OP5:** The plants with conservation status, endemics and relicts of Frangensko Plateau, (Dimcho Zahariev, Leman Behchet)
- 14:15 – 14:30 **OP6:** The synanthropic plants in the flora of Frangensko Plateau (Northeastern Bulgaria) (Dimcho Zahariev, Marina Dimitrova)
- 14:30 – 15:00 Coffee break



## PROGRAM

### Oral presentations

### Section2: “Nature protection”

Moderator: Assoc. prof. N. Natchev

Friday, 16<sup>th</sup> May, hall 202

- 15:30 – 15:45 **OP7:** The alien weed species in rice fields in Thrace (Emre Muslu, Ahmet Uludağ)
- 15:45 – 16:00 **OP8:** A potential threat to Nematode diversity on Kazdağı (Ida Mountain) in Turkey: gold mining (Esengül Özdemir, Çiğdem Gözel, Seda Muşdağı, Yağmur Harman, Uğur Gözel)
- 16:00 – 16:15 **OP9:** Nesting success in artificial nest boxes of the red-footed falcon (*Falco vespertinus*) (Vladimir Mladenov, Ralitza Georgieva, Svilen Cheshmedzhiev, Diyan Rusev)
- 16:15 – 16:30 **OP10:** Artificial constructions to provide safe nesting and resting of birds in the Burgas lakes (Vladimir Mladenov, Yurii Kornilev, Ralitza Georgieva, Georgi Gyuzelev)
- 16:30 – 16:45 **OP11:** Protected areas in Northern Black Sea coast and their role in the development of ecological tourism (Mirela Marinova, Sanya Koleva, Ivalena Georgieva)
- 16:45 – 17:00 **OP12:** The role of the reservations for protection of the bio - diversity along the Tundja river valley (Gergana Hristova, Dimitar Dimitrov, Svetla Stankova)
- 17:00 – 17:15 **OP13:** Natural park "Belasitza" - the role and tasks (Desislava Damyanova, Kristina Kamenova, Svetla Stankova)
- 17:15 – 17:30 **OP14:** Water energy and bio-fuels as alternative to the traditional energy sources (Veselin Petkov)



## PROGRAM

### Oral presentations

### Section 3: “Medicinal plants and ecophysiology”

Moderator: Dr. Vanya Koleva  
Saturday, 17th May, hall 202

- 10:00 – 10:10 **Musical performance: “Ragtime”** by Scott Joplin, performers: Sevdalina Todorova flute and Evridika Vulcheva piano, students in Bachelor Degree Program "Pedagogy of Teaching Music", tutors: Margarita Racheva and Zhaneta Katsarova
- Musical performance: “Catherine's dream”** by Veselin Stoyanov, performer: Evridika Vulcheva piano, student in Bachelor Degree Program "Pedagogy of Teaching Music", tutor: Zhaneta Katsarova
- 10:10 – 10:45 **Plenary lecture:** Application of medical plants in Bulgaria – traditions and inovations (Assoc. prof. Krasimira Staneva)
- 10:45 – 11:00 **OP15:** An ethnobotanical study on current status of some medicinal plants used in Bulgaria (Vanya Koleva, Asya Dragoeva, Zheni Nanova, Mariya Kaschieva, Teodora Koynova, Georgi Dashev, Sevdzhihan Ismailova)
- 11:00 – 11:15 **OP16:** Establishment of current state of medicinal plants propagation along marked tourist routes in Shumen Plateau Nature Park (Mariya Kaschieva, Zheni Nanova, Asya Dragoeva, Vanya Koleva, Bilyana Boneva, Yoanna Gancheva, Yavor Penkov, Hristo Marinov)
- 11:15 – 12:30 **OP17:** Medicinal Plants of Lilyaksko Plateau (Northeastern Bulgaria) (Dimcho Zahariev, Kristina Racheva)
- 12:30 – 12:45 **OP18:** The medicinal plants in Northeast Bulgaria (Dimcho Zahariev, Ivaylo Ivanov)
- 12:45 – 13:00 **OP19:** Study on the current use of four important medicinal plants of Lamiaceae in Bulgaria (Zheni Nanova, Asya Dragoeva, Vanya Koleva, Nesho Chipev, Borislav Georgiev, Irina Yotova, Milen Ivanov, Elitsa Evstatieva)
- 13:00 – 13:15 **OP20:** Comparison of the effect of water infusions of *Origanum vulgare* ssp. *vulgare* and *Adonis vernalis* on the growth of human melanoma cell line and Gram-positive and Gram-negative bacteria (Asya Dragoeva, Tsveteslava Ignatova-Ivanova, Vanya Koleva, Leman Behchet, Zheni Nanova, Mariya Kaschieva, Nina Arhangelova)
- 13:15 – 13:30 **OP21:** Global epidemic of obesity (Viktoriya Krassenova, Zhaklin Bakalova, Masha Radoslavova)



## PROGRAM

### Poster session

Moderator: Dr. Darina Bachvarova  
Saturday, 17th May, lobby on the third floor

#### Section 1: “Biological diversity”

- P1 Current situation of *Citrus tristeza* virus in Turkey (Ali Karanfil, Savaş Korkmaz, Hasan Tuzlali)
- P2 Preliminary investigation of the diel activity of spiders (Araneae) in anthropogenic and rural habitats in the town of Shumen and Shumen Plateau (NE Bulgaria) (Desislava Ivanova, Aleksandar Doichinov, Darina Bachvarova)
- P3 Hemipenial morphology of the Bulgarian snakes compared to their ecological and spatial niches (Kostadin Andonov, Nikolay Tzankov)
- P4 Polen morphology of ten taxa of the genus *Jurinea* Cass. from Bulgaria (Nikolay Nikolov, Svetlana Bancheva)
- P5 Effect of mating calls from familiar and unfamiliar males on locomotor activity in females of the marsh frog *Pelophylax ridibundus* (Pallas 1771) (Simeon Lukanov, Daniela Simeonovska-Nikolova, Nikolay Tzankov)
- P6 Ground beetle (Coleoptera: Carabidae) communities of the region of Cape Emine (central Bulgarian Black Sea coast) (Teodora Teofilova)

#### Section 2: “Nature protection”

- P7 Biological control of *Rhynchophorus ferrugineus* Olivier (Coleoptera: Curculionidae) by Entomopathogenic Nematodes (Uğur Gözel, Çiğdem Gözel, Deniz İnci)
- P8 Analysis of the efficiency of Waste Water Purifying Station-Provadia’s operation after its reconstruction (Elvin Ismail, Radoslav Ivanov)
- P9 Nematodes as Indicators of Pesticide Contamination on Soil: A Case Study in Çanakkale (Esengül Özdemir, Çiğdem Gözel, Seda Muşdağı, Taner Kiliç, Uğur Gözel)
- P10 Evaluation of the factors affecting greenhouse gas emissions in Turkey (Özge Can Niyaz)
- P11 The Black Sea Mussel (*Mytilus galloprovincialis*) – bioindicator of sea ecosystem pollution with persistent organic pollutants and heavy metals (R. Stancheva, M. Stancheva, N. Chipev)
- P12 Effect of Olive Oil Solid Waste and Green Walnut Husk on Plant Parasitic and Saprophytic Nematodes in Natural Area (Sinem Soğuksu, Yasemin Kavdir, Uğur Gözel, Çiğdem Gözel, Esengül Özdemir)



### Section 3: “Medicinal plants and ecophysiology”

- P13 Biological activity of caffeine (Radka Grudeva, Nadezhda Petkova, Panteley Denev)
- P14 Fluorescence quenching of bovine serum albumin: a study of interactions with physiologically active substances (Dimitar Dimitrov, Krasimir Tachev)
- P15 Epidemiology of urinary tract infections, caused by ESBLs, in Europe and Bulgaria (survey) (Ermenlieva, N., Ts. Ivanova, D. Bliznakova, G. Tsankova, Ts. Kostadinova, E. Georgieva)
- P16 Laetrile – vitamin or anticancer agent (Petya Popova, Nadezhda Petkova Panteley Denev)
- P17 Alterations in chlorophyll fluorescence parameters of melon plants under CaCl<sub>2</sub> and NaCl stress (Okan Acar, Sefer Demirbas, Eda Günay, Dilek Killi, Müge Teker, Mehmet Selim Cobanoglu, Busra Calik)
- P18 Salt stress-induced alterations in chlorophyll fluorescence parameters of two cucumber plant varieties (Sefer Demirbas, Okan Acar, Müge Teker, Dilek Killi, Mehmet Selim Cobanoglu, Eda Günay, Busra Calik)
- P19 Plant viruses relation with aphids and manners of transmission (Ali Karanfil, Hasan Tuna Tuzlali, Savaş Korkmaz)
- P20 Isolation of probiotics bacteria from the commercial products and research of their antimicrobial activity (Sevgi Ibrahim, Sevginar Ibrjam, Tsvetoslava Ignatova-Ivanova)
- P21 Characterization of extracellular proteases, protease inhibitors and alkaline phosphatases activities from *Streptomyces* strains (Hristiyana Marinova, Karamfil Kalchev)
- P22 Effect of environment on reactive oxygen species generation in human body: features in athletes (Yasin Eroglu, Lubomir Petrov, Albena Alexandrova, Onder Daglioglu)