

## Programme of the 4<sup>th</sup> Croatian Symposium on Invasive Species

Monday 29<sup>th</sup> November

08:30 – 09:30	Registration and poster setup
09:30 – 10:00	Opening of the Symposium
10:00 – 10:45	Keynote lecture  Bruce Osborne <i>Gunnera</i> INVASIONS AND THEIR WIDER IMPLICATIONS
10:45 – 11:15	Coffe Break
11:15 – 12:45	<p>11:15 <u>Daijun Liu</u>, Franz Essl, Bernd Lenzner, Dietmar Moser, Stefan Dullinger HOW DOES LAND-USE CHANGE AFFECT THE OCCURRENCE OF ALIEN SPECIES IN LOCAL COMMUNITIES ACROSS THE GLOBE?</p> <p>11:30 <u>Petra Kutleša</u>, Igor Boršić, Martina Cigrovski Mustafić, Ana Ješovnik, Tanja Mihinjač, Sandra Slivar THE RESULTS OF THE FIRST SYSTEMATIC MAPPING OF ALIEN SPECIES IN CROATIA</p> <p>11:45 <u>Jurica Tadić</u>, Matea Rubinić, Lucia Perković, Nela Jantol, Ana Danić, Zrinka Mesić RISK ASSESSMENT OF SELECTED INVASIVE ALIEN PLANT SPECIES USING NON-NATIVE RISK ASSESSMENT METHODOLOGY IN CROATIA</p> <p>12:00 <u>Kateřina Berchová Bímová</u>, Martina Kadlecová, Martin Vojík, André Evette, Fanny Dommanget, François-Marie Martin, Josef Kutlvař, Jan Pergl SHOULD REPRODUCTION MODE IN KNOTWEEDS CHANGE THE MANAGEMENT APPROACH?</p> <p>12:15 <u>Tim Adriaens</u>, Jim Casaer, Lieven De Smet, Koen Devos, Frank Huysentruyt, Peter Robertson, Tom Verbeke, Nikolaas Reyns COST-BENEFIT ANALYSIS FOR INVASIVE SPECIES CONTROL: THE CASE OF GREATER CANADA GOOSE <i>Branta canadensis</i> IN FLANDERS (NORTHERN BELGIUM)</p> <p>12:30 <u>Andreja Papež Kristanc</u>, Andrej Štemberger Zupan, Ana Dolenc, Sonja Rozman, Kaja Frlic MANAGEMENT OF INVASIVE ALIEN SPECIES IN SLOVENIA –FROM FIELDWORK TO THE NATIONAL DATABASE</p>
12:45 – 14:30	Lunch Break
14:30 – 15:45	<p>14:30 <u>Manuela Giovanetti</u>, Laura Zavatta, Sergio Albertazzi, Simone Flaminio, Rosa Ranalli, Laura Bortolotti READINESS TO REDIRECT NESTING EFFORTS AS WINNING STRATEGY TO SPREAD: THE ALIEN BEE SPECIES, <i>Megachile sculpturalis</i> (HYMENOPTERA; MEGACHILIDAE)</p> <p>14:45 <u>Nikola Zorić</u> COMBINED METHOD OF MONITORING <i>Monochamus</i> spp. USING TRAPS AND UNMANNED AERIAL VEHICLES</p> <p>15:00 <u>Marina J. Orlova-Bienkowskaja</u>, Andrzej O. Bieńkowski INVASIVE EMERALD ASH BORER (<i>Agrilus planipennis</i>) IS APPROACHING THE CAUCASUS</p>

	<p>15:15 <u>Nina Šajna</u>, Mirjana Šipek, Eva Horvat A NOVEL PLANT – ANIMAL INTERACTION BETWEEN TWO ALIEN SPECIES RESULTS IN UNEXPECTED BENEFITS</p> <p>15:30 <u>Laura Pismarović</u>, Valentina Šoštarčić, Kristina Kljak, Maja Šćepanović EFFECT OF COMBINING REDUCED DOSES OF HERBICIDES WITH PHENOLIC ACIDS TO REDUCE GERMINATION AND GROWTH <i>Ambrosia artemisiifolia</i> L</p>
15:45 – 16:45	Poster Session & Coffe Break
16:45 – 18:15	<p>16:45 <u>Nela Jantol</u>, Matko Čvrljak, Ivan Tomljenović, Ivona Žiža, Branimir Radun, Zrinka Mesić TESTING REMOTE SENSING METHODS FOR INVASIVE ALIEN PLANTS <i>Ailanthus altissima</i> AND <i>Amorpha fruticosa</i></p> <p>17:00 <u>Lucija Rajčić</u>, Sven D. Jelaska IMPACT OF SPATIAL PRECISION OF CHOROLOGICAL DATA ON SUPPOSED HABITAT AND ENVIRONMENTAL CONDITIONS PREFERENCES OF SIX INVASIVE PLANT SPECIES IN CROATIA</p> <p>17:15 <u>Robert T. Hanczaruk</u>, Agnieszka Kompała-Bąba, Wojciech Bąba FUNCTIONAL ANALYSIS OF THE URBAN RIVER VEGETATION ALONG THE ENVIRONMENTAL GRADIENT</p> <p>17:30 <u>Danijela Poljuha</u>, Barbara Sladonja, Mirela Uzelac, Ida Linić, Ivana Šola, Josipa Bilić, Slavica Dudaš INVASIVE ALIEN PLANT SPECIES IN CROATIA AS NEW ECOSYSTEM SERVICES PROVIDERS</p> <p>17:45 <u>Najla Baković</u>, Dubravko Šincek, Tajana Uzelac Obradović, Sanja Žalac, Friederike Trognitz PRESENCE OF INVASIVE PLANT SPECIES ON THE GRASSLANDS IN RELATION TO THE NEARBY ROADS IN THE PLITVICE LAKE NATIONAL PARK AND SELECTED KARST POLJES (CROATIA)</p> <p>18:00 Jasnica Medak, Ivana Sirovica, Sanja Perić, Nikola Zorić NEW FINDINGS OF AN INVASIVE <i>Prunus serotina</i>: A CASE STUDY FROM CROATIA</p>
19:00 - 22:00	Beervasive evening

## Tuesday 30<sup>th</sup> November

08:30 – 09:00	Registration
09:00 – 09:45	Keynote lecture  Elena Tricarico AWARE AND ACTIVE CITIZENS TO TACKLE INVASIVE ALIEN SPECIES
09:45 – 10:45	<p>09:45 <u>Quentin Groom</u>, Helen Roy ALIEN CSI: INCREASING UNDERSTANDING OF ALIEN SPECIES THROUGH CITIZEN SCIENCE</p> <p>10:00 <u>Sandra Slivar</u>, Ana Ješovnik, Petra Kutleša, Tanja Mihinjač, Vesna Tatalović THE SURVEY RESULTS OF THE PUBLIC OPINION ON THE IAS IN CROATIA</p> <p>10:15 <u>Lucija Novoselec</u>, Arvena Bošnjak, Ana Depolo, Mihaela Jakopčić, Lana Židak, Sandra Hudina EXPLORING THE KNOWLEDGE AND APPLICATION OF BIOSECURITY PRACTICES IN FIELD RESEARCH AMONG RESEARCHERS IN CROATIA</p> <p>10:30 <u>Vedran Šegota</u>, Antun Alegro, Miroslav Samardžić, Fran Rebrina, Andreja Brigić INVASIVE MOSS <i>Campylopus introflexus</i> (HEDW.) BRID. CONTINUES TO SPREAD THROUGH CROATIA</p>
10:45 – 11:15	Poster Session & Coffe Break
11:15 – 12:30	<p>11:15 <u>Ivana Buj</u>, Zoran Marčić, Kazimir Miculinić, Ivanka Špoljarić et al. REMOVAL OF INVASIVE FISH SPECIES FROM THE PLITVICE LAKES WATER SYSTEM HELPS INCRESING VIABILITY OF NATIVE FISH SPECIES AND RESTORING NATURAL HABITAT CONDITIONS</p> <p>11:30 Marina Piria, Tena Radočaj, <u>Ivan Špelić</u>, Lorenzo Vilizzi THE TRUTH BEHIND THE FISH DIVERSITY OF THE LIKA RIVER AND ITS TRIBUTARIES: ARE ALL MANAGEMENT EFFORTS WORTH IT?</p> <p>11:45 <u>Milorad Mrakovčić</u>, Matija Kresonja, Branko Glamuzina, Juraj Petravić, Krešimira Trgovčić STRUCTURE AND CHARACTERISTICS OF THE FISH COMMUNITY IN THE NERETVA DELTA (CROATIA) AFTER THE INTRODUCTION OF LARGEMOUTH BASS, <i>Micropterus salmoides</i> (Lacepède, 1802)</p> <p>12:00 <u>Juraj Petravić</u>, Matija Kresonja, Branko Glamuzina, Milorad Mrakovčić DIETARY COMPOSITION OF LARGEMOUTH BASS, <i>Micropterus salmoides</i> (Lacepède, 1802) IN THE LOWER COURSE OF THE NERETVA RIVER IN CROATIA</p> <p>12:15 <u>Tvrtko Dražina</u>, Maria Špoljar, Mirela Sertić Perić, Žanet Bilić, Natalia Kuczyńska-Kippen, Ines Tkalčec INVASIVE FISH SPECIES HAVE A NEGATIVE EFFECT ON ZOOPLANKTON ASSEMBLAGES IN SHALLOW WATER BODIES</p>
12:30 – 14:15	Lunch Break
14:15 – 15:15	<p>14:15 <u>Leona Lovrenčić</u>, Martina Temunović, Riho Gross, Marin Grgurev, Ivana Maguire CONSERVATION OF THE CROATIAN NOBLE CRAYFISH POPULATIONS CONFRONTED WITH INVASIVE CRAYFISH AND</p>

	<p>CLIMATE CHANGE – WHEN POPULATION GENETICS MEET SPECIES DISTRIBUTION MODELLING</p> <p>14:30 <u>Caterina Francesconi</u>, Ljudevit Luka Boštjančić, Lena Bonassin, Jenny Makkonen, Anne Schrimpf, Japo Jussila et al. <i>Aphanomyces astaci</i> VS FRESHWATER CRAYFISH: A STORY OF DEATH, RESISTANCE AND COEVOLUTION</p> <p>14:45 <u>Ljudevit Luka Boštjančić</u>, Caterina Francesconi, Christelle Rutz, Lucien Hoffbeck, Laetitia Poidevin, Arnaud Kress, Japo Jussila et al. IS THE IMMUNE RESPONSE OF FRESHWATER CRAYFISH TO APHANOMYCES ASTACI INFLUENCED BY THE HOST-PATHOGEN COEVOLUTION?</p> <p>15:00 <u>Anita Tarandek</u>, Paula Dragičević, Dorotea Grbin, Ivana Maguire, Sofija Ana Blažević, Lucija Abramović, Sandra Hudina COMPARISON OF THE IMMUNE RESPONSE OF NATIVE AND INVASIVE ALIEN SPECIES OF DECAPOD CRAYFISH OF THE KORANA RIVER</p>
15:15 – 15:45	Coffe Break
15:45 – 16:45	<p>15:45 <u>Paula Dragičević</u>, Ana Bielen, Ines Petrić, Jurica Žučko, <u>Sandra Hudina</u> MICROBIOME OF THE SUCCESSFUL FRESHWATER INVADER, THE SIGNAL CRAYFISH, AND ITS CHANGES ALONG THE INVASION RANGE</p> <p>16:00 <u>Ana Bielen</u>, Dorotea Grbin, Anđela Miljanović, Dora Pavić, Sandra Hudina, Jessica Rieder, Simone R. R. Pisano, Irene Adrian-Kalchhauser EXOSKELETON MICROBIAL COMMUNITIES OF CO-OCCURRING AND PHYLOGENETICALLY RELATED NATIVE AND INVASIVE CRAYFISH SPECIES</p> <p>16:15 <u>Romana Gračan</u>, Ana Bekavac, Ana Beck, Ivana Maguire, Sandra Hudina FIRST RECORD OF IDIOPATHIC NECROTIZING HEPATOPANCREATITIS IN THE SIGNAL CRAYFISH <i>Pacifastacus leniusculus</i> (DANA, 1852) IN CROATIA</p> <p>16:30 <u>Katarina Bačnik</u>, Denis Kutnjak, Silvija Černi, Ana Bielen, Sandra Hudina DETECTION OF DIVERSE AND DIVERGENT RNA VIRUSES OF THE INVASIVE SIGNAL CRAYFISH AND THEIR VARIATION ALONG THE HOST'S INVASION RANGE</p>
16:45 - 17:00	Closing of the Symposium

## **POSTERS**

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Valentina La Morgia, Paola Aragno, Daniele Paoloni, Sandro Bertolino, Adriano Martinoli, Lucas Wauters, Chiara Mercuriali, Gaetano Aloise, Lucilla Carnevali, Piero Genovesi  
FROM EARLY WARNING TO RAPID RESPONSE: SET UP OF AN EMERGENCY TASK FORCE TO SUPPORT ACTION AGAINST INVASIVE SPECIES

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Diana Vlahović., Martina Čiček., Božena Mitić  
AWARENESS OF PROBLEMS OF INVASIVE SPECIES IN PRIMARY EDUCATION

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Dora Čukelj, Iva Soža, Mihaela Meštrović, Biljana Barić Sudar, Zrinka Domazetović  
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