

Programme of the 3rd Croatian Symposium on Invasive Species

Monday 26th November

08:30 – 09:30	Registration and poster setup
09:30 – 10:00	Opening of the Symposium
10:00 – 10:45	Keynote lecture Helen Roy UNRAVELLING THE ECOLOGY OF NON-NATIVE SPECIES TO INFORM STRATEGY
10:45 – 11:15	Coffe Break
11:15 – 12:45	Chairperson: Nenad Jasprica 11:15 <u>Zrinka Domazetović</u> , Una Mršić DEVELOPMENT OF A SYSTEM TO MANAGE AND CONTROL INVASIVE ALIEN SPECIES IN CROATIA 11:30 <u>Sandra Slivar</u> , Igor Boršić, Martina Cigrovski Mustafić, Sonja Desnica, Ana Ješovnik, Petra Kutleša, Tanja Mihinjač MAPPING AND MONITORING OF ALIEN SPECIES IN CROATIA 11:45 <u>Zrinka Mesić</u> , Edin Lugić, Sonja Sviben, M. Mikulčić, Ana Ostojić, Marko Augustinović, Monika Petković, V. Slijepčević, Goran Gužvica METHODS FOR MAPPING AND MONITORING ALIEN INVASIVE FRESHWATER MAMMALS IN CROATIA 12:00 <u>Anže Japelj</u> , Andrej Verlič, Judita Malovrh, Jana Kus Veenvliet, Maarten DeGroot PUBLIC PREFERENCES OF SLOVENES FOR CONTROLLING INVASIVE ALIEN SPECIES 12:15 <u>Neven Šlopar</u> THE LIFE PROGRAMME AND IAS 12:30 <u>Sandra Hudina</u> , Ivana Maguire, Petra Kutleša HOW TO ASSESS THE EFFECTIVE MANAGEMENT OF INVASIVE ALIEN SPECIES LISTED ON LIST OF SPECIES OF UNION CONCERN (EU REGULATION NO. 1143/2014) – A CASE STUDY ON INVASIVE CRAYFISH
12:45 – 14:30	Lunch Break
14:30 – 15:15	Keynote lecture Rene Eschen ASSESSING AND MANAGING LIVELIHOOD IMPACTS OF WOODY INVASIVE ALIEN SPECIES IN EASTERN AFRICA

15:15 – 16:00	<p>Chairperson: Dinka Matošević</p> <p>15:15 <u>Nina Sajna</u>, Mirjana Sipek WHAT'S NEW ABOUT TROPICAL <i>Pistia stratiotes</i> IN EUROPE?</p> <p>15:30 <u>Lado Kutnar</u>, Aleksander Marinšek, Janez Kermavnar, Maarten De Groot POTENTIAL THREAT OF ALIEN PLANT SPECIES IN DISTURBED FORESTS IN SLOVENIA</p> <p>15:45 <u>Tihana Vilović</u>, Vedran Šegota, Kristina Bilić, Toni Nikolić INVASIVE ALIEN PLANT TAXA WITHIN <i>HERBARIUM CROATICUM</i> AND <i>HERBARIUM IVO AND MARIJA HORVAT</i></p>
16:00 – 16:45	Poster Session & Coffe Break
16:45 – 18:00	<p>Chairperson: Sandra Hudina</p> <p>16:45 <u>Krešimir Žganec</u>, Jasna Lajtner, Renata Ćuk, Petar Crnčan, Ivana Pušić, Tomislav Kralj, Damir Valić, Mišel Jelić, Ivana Maguire ALIEN AND INVASIVE BENTHIC MACROINVERTEBRATES IN CROATIAN FRESHWATER</p> <p>17:00 <u>Iva Johovic</u>, Camilla Verrucchi, Alberto Inghilesi, Felicita Scapini, Elena Tricarico MANAGING INVASIVE CRAYFISH <i>Procambarus clarkii</i>: CAN MANUAL STERILIZATION SORT THE PROBLEM?</p> <p>17:15 <u>Karla Orlić</u>, Lidija Šver, Lucija Burić, Snježana Kazazić, Reno Hrašćan, Tomislav Vladušić, Sandra Hudina, Ana Bielen CAN BACTERIA FROM CRAYFISH SURFACE PROTECT THEIR HOST FROM INVASIVE OOMYCETE <i>Aphanomyces astaci</i>, CAUSATIVE AGENT OF CRAYFISH PLAGUE?</p> <p>17:30 <u>Dora Pavić</u>, Ana Bielen, Sandra Hudina, Ivanka Špoljarić, Frederic Grandjean, Japo Jussila, Ivana Maguire MONITORING OF CRAYFISH PLAGUE IN THE PLITVICE LAKES NATIONAL PARK</p> <p>17:45 <u>Tatjana Mijošek</u>, Vlatka Filipović Marijić, Zrinka Dragun, Dušica Ivanković, Nesrete Krasnići, Zuzana Redžović, Marijana Erk APPLICATION OF INVASIVE PRUSSIAN CARP IN METAL EXPOSURE ASSESSMENT OF THE ILOVA RIVER</p>
19:00 - 22:00	Beervasive evening

Tuesday 27th November

08:30 – 09:00	Registration
09:00 – 09:45	Keynote lecture Sven Bacher COMPARING IMPACTS OF ALIEN SPECIES: WHY AND HOW?
09:45 – 10:30	<p>Chairperson: Sven Jelaska</p> <p>09:45 <u>Maarten de Groot</u>, Špela Jagodic, Dušan Jurc, Andreja Kavčič, Marija Kolšek, Jana Kus Veenvliet, Lado Kutnar, Judita Malovrh, Aleksander Marinšek, Nikica Ogris, Barbara Piškur, Andrej Verlič, Simon Zidar CITIZEN SCIENTISTS CAN IMPROVE THE EARLY DETECTION OF IAS IN FORESTS</p> <p>10:00 <u>Gábor Vétek</u>, Balasz Károlyi, Ádam Mészáros, Dávid Korányi CITIZEN SCIENCE HELPED REVEAL THE WIDESPREAD OCCURRENCE OF THE BROWN MARMORATED STINK BUG (<i>Halyomorpha halys</i>) IN HUNGARY</p> <p>10:15 <u>Željka Fištrek</u>, Ines Pohajda AWARENESS OF THE INVASIVE ALIEN SPECIES PROBLEM AMONG FARMERS: CURRENT STATE AND FUTURE PROSPECTS</p>
10:30 – 11:15	Poster Session & Coffe Break
11:15 – 12:30	<p>Chairperson: Gábor Vétek</p> <p>11:15 <u>Rene Eschen</u>, Iva Franić, Milka Glavendekić, Maarten de Groot, Nikola Lacković, Dinka Matošević, Richard O’Hanlon, Funda Oskay, Irena Papazova, Simone Prospero WHEN AND WHERE TO LOOK FOR POTENTIAL NEW INVASIVE ALIEN PESTS</p> <p>11:30 <u>Milan Pernek</u>, Dinka Matošević, Nikola Lacković, Ejup Cota WHEN A NATIVE SPECIES BEHAVES LIKE INVASIVE – BARK BEETLE <i>Orthotomicus erosus</i> IN THE MEDITERRANEAN PINE FORESTS IN CROATIA</p> <p>11:45 <u>Iva Franić</u>, Simone Prospero, Eric Allan, Marie-Anne Auger-Rozenberg, Niklaus J Grünwald, Martin Hartmann, Marc Kenis, Alain Roques, Salome Schneider, Richard Snieszko, Wyatt Williams, René Eschen HIGH FREQUENCY AND DIVERSITY OF INSECTS AND FUNGI IN TRADED TREE SEEDS</p> <p>12:00 <u>Mathieu Laparie</u>, Ole P.L. Vindstad, Sylvain Pincebourde, Emm Heinänen, Annika Alsila, Nigel G. Yoccoz, Rolf A. Ims, Jane U. Jepsen UNDERSTANDING DENSITY-DEPENDENT POLYPHENISM IN MELANISM IN SUB-ARCTIC RANGE EXPANDING POPULATIONS OF THE WINTER MOTH <i>Operophtera brumata</i>: AN ECOPHYSIOLOGICAL PERSPECTIVE</p> <p>12:15 Milivoj Franjević, <u>Antonija Kolar</u>, Josip Skejo, Lucija Šerić Jelaska, Damjan Franjević, Boris Hrašovec FIRST DATA ON SPIDER SPECIES AS POTENTIAL PREDATORS OF THE ALIEN INVASIVE OAK LACE BUG (<i>Corythucha arcuata</i>) IN THE CLONAL SEED ORCHARD ‘PETKOVAC’</p>

12:30 – 14:15	Lunch Break
14:15 – 15:30	<p>Chairperson: Ivana Maguire</p> <p>14:15 <u>Monika Petković</u>, Marko Augustinović, Goran Gužvica, Zrinka Mesić, Ivona Žiža WILD BOAR IN CROATIA, INVASIVE SPECIES OR NOT?</p> <p>14:30 <u>Manuela Giovanetti</u>, Margarida Ramos, Cristina Máguas BLOW OF WIND OR BUZZ OF BEES: UNEXPECTED WIND CONTRIBUTION TO THE BEE-POLLINATED <i>Acacia longifolia</i></p> <p>14:45 <u>Ana Ješovnik</u>, Sonja Desnica ALIEN ANT SPECIES IN CROATIA</p> <p>15:00 <u>Alen Berta</u>, Zrinka Mesić, Edin Lugić, Ana Ostojić, Monika Petković, Sonja Sviben, Ivona Žiža, Nela Jantol, Vladimir Kušan MONITORING OF INVASIVENESS OF OAK LACE BUG <i>Corythucha arcuata</i> IN SPAČVA BASIN, CROATIA BY MODIS SATELLITE</p> <p>15:15 <u>Panos V. Petrakis</u>, George Vergyris INVASIVE INSECTS IN GREECE: THEIR BIOLOGY, INTERCEPTION AND CONTROL</p>
15:30 – 16:00	Coffe Break
16:00 – 16:45	<p>Chairperson: Biljana Janev Hutinec</p> <p>16:00 <u>Nela Jantol</u>, Zrinka Mesić, Ana Ostojić, Davor Korman, Sonja Sviben, Vladimir Kušan, Alen Berta BLACK LOCUST (<i>Robinia pseudoacacia</i> L.) IN PRIVATE FORESTS OF CENTRAL CROATIA - CURRENT SITUATION AND POSSIBILITY FOR REMOTE SENSED MONITORING</p> <p>16:15 <u>Nina Vuković</u>, Vedran Šegota, Nikola Koletić, Tihana Vilović, Anja Rimac, Antun Alegro SEARCHING FOR ALIENS – UPDATE ON <i>Egeria densa</i> PLANCHON AND <i>Myriophyllum heterophyllum</i> MICHX. IN THE NERETVA RIVER DELTA (SOUTHERN DALMATIA)</p> <p>16:30 <u>Vedran Šegota</u>, Petar Radosavljević, Miroslav Samardžić POTENTIALLY INVASIVE PLANT NEWCOMERS IN CROATIA</p>
16:45 - 17:00	Closing of the Symposium

POSTERS

1. Teodora Trichkova, Rumen Tomov, Milcho Todorov, Vladimir Vladimirov, Radoslav Stanchev
DEVELOPMENT AND TESTING OF METHODS FOR MONITORING OF ALIEN ANIMAL SPECIES AS PART OF THE BULGARIAN BIODIVERSITY MONITORING SYSTEM
2. Anja Koprivčić, Sven D. Jelaska
OVERVIEW OF “INVASIVE SPECIES” PRESENCE IN THE CROATIAN SCIENTIFIC BIBLIOGRAPHY (CROSBI) DATABASE
3. Nora Pacenti, Sven D. Jelaska
A PEAK INTO PUBLIC AWARENESS OF IAS PLANTS IN CROATIA
4. Matea Razić, Jelena Krsnik, Ivana Maguire, Sandra Hudina
SURVEY OF PUBLIC AWARENESS OF INVASIVE SPECIES IN ZAGREB AND ITS SURROUNDINGS
5. Ákos Monoki, Béla Tallósi, Csaba Bereczki
HABITAT MANAGEMENT OF ALLUVIAL MEADOWS ALONG THE TISZA RIVER FOR CONTROLLING ALIEN SPECIES
6. Iva Franić, Simone Prospero, Kalev Adamson, Eric Allan, Fabio Attorre et al.
GLOBAL PATTERNS IN INSECTS AND FUNGI OF DORMANT TWIGS OF NATIVE AND EXOTIC TREE SPECIES
7. Duccio Migliorini, Mandy Messal, Michael Wingfield, Alberto Santini, Treena Burgess
PORTUGUESE PROTEACEAE PLANTATIONS CONTAINS SOUTHERN HEMISPHERE FUNGAL SPECIES
8. Marta Matek, Milica Zlatković
PATHOGENICITY OF CROATIAN ISOLATES OF *Neofusicoccum parvum* AND *Botryosphaeria dothidea* ON *Sequoiadendron giganteum*
9. Robert Korzeniewicz, Jolanta Behnke-Borowczyk, Adrian Łukowski, Marlena Baranowska
BIODIVERSITY OF FUNGI INHABITING THE STUMPS OF BLACK CHERRY (*Padus serotina* EHRH)
10. Paula Dragičević, Silvija Černi, Ana Bielen, Ines Petrić, Ivana Maguire, Sandra Hudina
FRESHWATER CRAYFISH PATHOGENS AS POTENTIAL INVASIVE SPECIES – A REVIEW OF EXISTING STUDIES
11. Jelena Krsnik, Matea Razić, Anita Tarandek, Luka Miholić, Marta Rogošić, Martina Topić, Andrea Belamarić, Dalma Martinović-Weigelt, Goran Klobučar, Sandra Hudina
EFFECTS OF ANTIDEPRESSANT CITALOPRAM ON AGGRESSIVE BEHAVIOR OF THE SIGNAL CRAYFISH (*Pacifastacus leniusculus*)
12. Ivana Maguire, Leona Lovrenčić, Sandra Hudina, Martina Temunović
INVASIVE CRAYFISH SPECIES AND CLIMATE CHANGE IN CROATIA – WHAT CAN WE EXPECT IN THE FUTURE?

13. Iva Johovic, Mafalda Gama, Filipe Banha, Elena Tricarico, Pedro Anastácio
ENSEMBLE FORECASTING OF WORLDWIDE DISTRIBUTION OF AMERICAN BULLFROG, *Lithobates catesbeianus* (Shaw, 1802): PREDICTING THE POTENTIAL DISTRIBUTION OF *L. catesbeianus* IN EUROPE TO INDICATE POTENTIAL MANAGEMENT MEASURES TO COMBAT THE THREAT
14. Tomislav Kralj, Krešimir Žganec, Damir Valić
RECENT CHANGES OF LONGITUDINAL DISTRIBUTION OF INVASIVE AMPHIPODS IN CROATIAN LARGE RIVERS
15. Marina Piria, Ivan Špelić, Ana Gavrilović
DISTRIBUTION AND IMPACT OF TRANSLOCATED PREDATORY FISH SPECIES IN THE DALMATIA ECOREGION
16. Goran Gužvica, Monika Petković, Marko Augustinović, Zrinka Mesić, Lidija Šver
ANALYSIS OF GOLDEN JACKAL OCCURRENCE ON GREEN BRIDGES AS AN INDICATOR OF THEIR RANGE EXPANSION
17. Lidija Šver, James McConnell, Irena Krušić Tomaić, Monika Petković, Josip Tomaić, Goran Gužvica
RACCOON DOG IN CROATIA: INDIVIDUAL OCCURRENCES OR ESTABLISHED POPULATION?
18. Toni Safner, Sunčica Stipoljev, Tina Stuhne, Ida Svetličić, Ana Galov, Pavao Gančević, Jorge Casinello, Nikica Šprem
A FIRST INSIGHT INTO MITOCHONDRIAL DNA CONTROL REGION DIVERSITY OF BARBARY SHEEP (*Ammotragus lervia*) INTRODUCED IN EUROPE
19. Barbara Sladonja, Mirela Uzelac, Nediljko Landeka, Danijela Poljuha
COLLABORATION EFFORTS TOWARDS EFFECTIVE MONITORING SYSTEM OF INVASIVE MOSQUITOES
20. Béla Tallósi, Ákos Monoki, Csaba Bereczki
NEW, INTRODUCED AND IMMIGRANT INSECTS IN THE PANNON BIOGEOGRAPHICAL REGION
21. Barbara Horvatić, Mladen Zadavec, Toni Koren, Andreja Brigić
DISTRIBUTION OF *Harmonia axyridis* (PALLAS, 1773) IN CROATIA - TEN YEARS AFTER THE FIRST FINDINGS
22. Ivana Pajač Živković, Marko Čuljak, Gabrijel Seljak, Božena Barić, Darija Lemic, Aleksandar Mešić
ALIEN DROSOPHILID SPECIES OF THE EXPERIMENTAL FIELD “JAZBINA”
23. Rumén Tomov, Cvetelina Vasileva
OCCURRENCE OF *Neodryinus typhlocybae* (ASHMEAD) (HYMENOPTERA: DRYINIDAE) IN BULGARIA
24. Ivan Šapina, Lucija Šerić Jelaska
THE BROWN MARMORATED STINK BUG *Halyomorpha halys* (STÅL, 1855) CONTINUES TO INVADE CROATIA

25. Cristina Preda, Marius Skolka, Dan Cogălniceanu
FEEDING INTENSITY AND PREY-SIZE SELECTIVITY OF *Rapana venosa* (VALENCIENNES, 1846), AN EXPERIMENTAL APPROACH USING MUSSELS
26. Nika Stagličić, Tanja Šegvić Bubić, Leon Grubišić, Dubravka Bojanić Varezić, Daria Ezgeta-Balić
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27. Jakov Dulčić, Branko Dragičević
LESSEPSIAN MIGRANT FISH SPECIES IN THE EASTERN ADRIATIC SEA
28. Mirna Batistić, Rade Garić, Katja T.C.A. Peijnenburg
WHERE DO ALIENS COME FROM? THE CASE OF *Thalia orientalis*
29. Sara Vicente, Manuela Giovanetti, Cristina Máguas, Helena Trindade
FLOWER PHENOLOGY OF THE INVASIVE *Acacia longifolia* IN PORTUGAL
30. Nina Vuković, Marija Ljubos, Sven D. Jelaska
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32. Katharina Lapin, Herfried Steiner, Janine Oettel, Magdalena Langmaier, Dunja Sustic, Georg Frank
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33. Mirjana Sipek, Nina Sajna
HUMAN SETTLEMENTS NEAR FOREST FRAGMENTS PROMOTE PLANT INVASIONS
34. Nenad Jasprica, Marija Pandža, Milenko Milović
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35. Marina Škunca, Luka Škunca, Mirjana Žiljak, Ana Đanić, Hrvoje Peternel
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36. Ivan Grlica, Jasna Razlog-Grlica, Neven Trenc
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39. Marko Ožura, Aljoša Duplić, Vida Posavec Vukelić, Nikolina Bek, Matej Šag
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41. Marija Pandža
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42. Nataša Kletečki, Božena Mitić
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46. Janez Kermavnar, Lado Kutnar, Aleksander Marinšek
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47. Igor Boršić, Tomica Rubinić
FIRST RECORD OF *Pistia stratiotes* L. (ARACEAE) IN CROATIA, WITH THE CONSIDERATION OF POSSIBLE INTRODUCTION PATHWAYS
48. Dario Hruševar, Josip Mesaroš, Dalibor Vladović, Anita Vucić, Božena Mitić
Cardamine occulta HORNEM. - A NEW ALIEN PLANT TAXON IN CROATIA
49. Eva Kabaš, Ivica Ljubičić, Sandro Bogdanović
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