|  |
| --- |
| **European**  **curriculum vitae**  **format** |

|  |
| --- |
| **Personal Information** |

|  |  |
| --- | --- |
| Name and Surname | Marija Ivković |
| Address | Mandaličina 12  10000 Zagreb, Croatia |
| Telephone number | 0038514877700, 00385917979652 |
| Telefax | 0038514826260 |
| E-mail | marija.ivkovic@biol.pmf.hr |
| Nationality | Croatian |
| Date of birth | 20 July 1982 |

|  |
| --- |
| **Work Experience** |

|  |  |
| --- | --- |
| • Date (from – to) | 24 September 2010 - today |
| Employer | Department of Zoology, Division of Biology, Faculty of Science, University of Zagreb |
| Occupation | Postdoc - Research assistant |
| Main activities and responsibilities | Teaching the students at Department of Zoology, Division of Biology, Faculty of Science from subjects:  **Animal Ecology** – Two lectures (2013/14, 2014/15) and practical teaching with students  **Ecology of freshwater ecosystems** – Two lectures (2014/15) and practical teaching with students  **General Ecology** – practical teaching with students  **Biology of polluted waters** – practical teaching with students  **Ecology** – practical teaching with students  **Field studies with students**  **Participation on scientific projects**  2012 – 2013 Collaborator on a bilateral project within the scientific and technological cooperation with Slovenia: "Rating of the ecological status of large rivers based on macroinvertebrates and management focused on hydro morphological alterations” led by Prof Zlatko Mihaljević and Prof Gorazd Urbanič  2007 – 2013 Researcher at the project of Croatian Ministry of Education and Science: "Taxonomy, ecology and biogeography of invertebrates in aquatic ecotones of Croatia" led by Prof Mladen Kerovec (119-1193080-3076)  Writing scientific papers, articles and studies. Presentation of research results at international conferences and symposia  Auxiliary leadership to six graduate students |
| Area of work | The taxonomy, phylogeny and ecology of dance flies (Empididae, Diptera, Insecta), ecology and biology of black flies (Simuliidae, Diptera, Insecta), taxonomy and ecology of true flies (Muscidae, Diptera, Insecta) and ecology of other groups of aquatic insects; macroinvertebrates of running and stagnant freshwaters; ecotoxicology of freshwater invertebrates *in situ* |

|  |  |
| --- | --- |
| • Date (from – to) | 08 May 2006 – 24 September 2010 |
| Employer | Department of Zoology, Division of Biology, Faculty of Science, University of Zagreb |
| Occupation | PhD student – Research assistant |
| Main activities and responsibilities | Teaching the students at Department of Zoology, Division of Biology, Faculty of Science from subjects:  **Animal Ecology** – practical teaching with students  **Ecology of freshwater ecosystems** – practical teaching with students  **General Ecology** – practical teaching with students  **Biology of polluted waters** – practical teaching with students  **Ecology** – practical teaching with students  **Field studies with students**  **Participation on scientific projects**  2007 – 2009 Researcher at the project of Croatian Ministry of Education and Science: "Taxonomy, ecology and biogeography of invertebrates in aquatic ecotones of Croatia" led by Prof Mladen Kerovec (119-1193080-3076)  2004 – 2006 Researcher at the project of Croatian Ministry of Education and Science: "The diversity of habitats and fauna of inland waters" led by Prof Mladena Kerovec (0119121)  Writing scientific papers, articles and studies. Presentation of research results at international conferences and symposia. |
| Area of work | Ecology of amphipods (Amphipoda, Crustacea), taxonomy and ecology of dance flies (Empididae, Diptera, Insecta), ecology and biology of black flies (Simuliidae, Diptera, Insecta); macroinvertebrates of running and stagnant freshwaters |

|  |  |
| --- | --- |
| • Date (from – to) | 30 September 2005 – 07 May 2006 |
| Employer | Department of Zoology, Division of Biology, Faculty of Science, University of Zagreb |
| Occupation | Associate on the project |
| Main activities and responsibilities | Teaching the students on Department of Zoology, Division of Biology, Faculty of Science from subjects:  **General Ecology** – practical teaching with students  **Animal Ecology** – practical teaching with students  **Zoology** – practical teaching with students  2005 – Associate on the project: "Biomonitoring of Una River Basin - evaluation of water quality based on the analysis of macroinvertebrates" led by Prof Mladen Kerovec |
| Area of work | Ecology of amphipods (Amphipoda, Crustacea), taxonomy and ecology of dance flies (Empididae, Diptera, Insecta); macroinvertebrates of running and stagnant freshwaters |

|  |
| --- |
| **Education** |

|  |  |
| --- | --- |
| Date | 16 July 2010 |
| Location | Zagreb |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Title | PhD in Zoology |

|  |  |
| --- | --- |
| Date | 01 April 2005 |
| Location | Zagreb |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Title | MSc in Biology, Ecology |

|  |  |
| --- | --- |
| Date | 1996 – 2000 |
| Location | Zagreb |
| Institution | VII. Grammar school |

|  |
| --- |
| **Training** |

|  |  |
| --- | --- |
| Year | 2013 |
| Location | Granada, Spain |
| Institution | Department of Zoology, Faculty of Science, University of Granada |
| Duration (from – to) | 1 week (07 December 2013 – 15 December 2013) |
| Area of work | Taxonomy of aquatic dance flies from the Sierra Nevada Mountains in collaboration with Prof Carmen Zamora Muñoz |

|  |  |
| --- | --- |
| Year | 2013 |
| Location | Granada, Spain |
| Institution | Department of Zoology, Faculty of Science, University of Granada |
| Duration (from – to) | Postdoc, 3 months (20 March 2013 – 20 June 2013) |
| Scholarship | Project „Empididae (Diptera) del Parque Nacional de Sierra Nevada“ |
| Area of work | Postdoc training Project: "Empididae (Diptera) del Parque Nacional de Sierra Nevada" (Empididae (Diptera) of the National Park of Sierra Nevada) that I conducted in collaboration with Prof Carmen Zamora Muñoz |

|  |  |
| --- | --- |
| Year | 2012 |
| Location | Cardiff, Wales, United Kingdom |
| Institution | National Museum Wales |
| Duration (from – to) | 2 weeks (08 May 2012 – 22 May 2012) |
| Area of work | Taxonomy of the genus *Wiedemannia* (Empididae, Diptera, Insecta) led by Dr Adrian Plant |

|  |  |
| --- | --- |
| Year | 2011 |
| Location | Zagreb |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Area of work | Workshop: "Writing of project proposals" led by Dr Armando Chapin Rodriguez |

|  |  |
| --- | --- |
| Year | 2010 |
| Location | Zagreb |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Area of work | Workshop: "Writing of scientific papers" led by Dr Armando Chapin Rodriguez |

|  |  |
| --- | --- |
| Year | 2010 |
| Location | Bratislava, Slovakia |
| Institution | University Comenius |
| Duration (from – to) | 2 weeks (02 June 2010 – 15 June 2010) |
| Area of work | Training on the taxonomy and systematics of the family black flies (Simuliidae, Diptera, Insecta), led by Prof Viera Stloukolova and Prof Matuša Kudela |

|  |  |
| --- | --- |
| Year | 2009 (Tempus project - QUALI European Quality Standards in Limnology Education) |
| Location | Girona, Spain |
| Institution | Faculty of Science, University of Girona |
| Duration (from – to) | 4 weeks (24 January 2009 – 21 February 2009) |
| Scholarship | Tempus project - QUALI European Quality Standards in Limnology Education |
| Area of work | Ecology of wetlands and lagoons, Functional Stream Ecology, BQEs of the WFD: Fishes |

|  |  |
| --- | --- |
| Year | 2009 (Tempus project - QUALI European Quality Standards in Limnology Education) |
| Location | Potsdam, Germany |
| Institution | Faculty of Science, University of Potsdam |
| Duration (from – to) | 3 weeks (28 February 2009 – 18 March 2009) |
| Scholarship | Tempus project - QUALI European Quality Standards in Limnology Education |
| Area of work | Theoretical concepts in aquatic ecology |

|  |  |
| --- | --- |
| Year | 2009 (Tempus project - QUALI European Quality Standards in Limnology Education) |
| Location | Veszprem, Hungary |
| Institution | Department of Limnology, University of Pannonia (Zavod za limnologiju, Sveučilište Panonija) |
| Duration (from – to) | 6 weeks (21 March 2009 – 01 May 2009) |
| Scholarship | Tempus project - QUALI European Quality Standards in Limnology Education |
| Area of work | Advanced analytical methods in water chemistry, Functional properties of lake ecosystems, Aquatic Ecotoxicology, The EC-WFD on European and country scale, BQEs of the WFD: Macrophytes |

|  |  |
| --- | --- |
| Year | 2009 (Tempus project - QUALI European Quality Standards in Limnology Education) |
| Location | Zagreb, Croatia |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Duration (from – to) | 5 weeks (03 May 2009 – 12 June 2009) |
| Scholarship | Tempus project - QUALI European Quality Standards in Limnology Education |
| Area of work | BQEs of the WFD: Phytoplankton, BQEs of the WFD: Phytobenthos, BQEs of the WFD: Macrozoobenthos, Scientific communication |

|  |  |
| --- | --- |
| Year | 2009 (Tempus project - QUALI European Quality Standards in Limnology Education) |
| Location | Uppsala, Sweden |
| Institution | Department of Ecology and Genetics, University of Uppsala |
| Duration (from – to) | 6 weeks (13 June 2009 – 18 July 2009) |
| Scholarship | Tempus project - QUALI European Quality Standards in Limnology Education |
| Area of work | Field sampling and monitoring, Basic water chemistry analyses, Climate change, Teaching knowledge, didactics |

|  |  |
| --- | --- |
| Year | 2008 |
| Location | Rovinj, Croatia |
| Institution | Institute Ruđer Bošković |
| Duration (from – to) | 8 days (20 June 2008 – 28 June 2008) |
| Scholarship | From the organizing committee of International Graduate School of Conservation Biology |
| Area of work | International Graduate School of Conservation Biology |

|  |  |
| --- | --- |
| Year | 2008 |
| Location | Pécs, Hungary |
| Institution | University of Pécs |
| Area of work | 3. workshop: "DRAVA-INTERECO" |

|  |  |
| --- | --- |
| Year | 2007 |
| Location | Zagreb, Croatia |
| Institution | Institute Ruđer Bošković |
| Area of work | Workshop: "Research Management Training" |

|  |  |
| --- | --- |
| Year | 2007 |
| Location | Zagreb, Hrvatska |
| Institution | Division of Biology, Faculty of Science, University of Zagreb |
| Area of work | Workshop: "Biological Evaluation of Fresh Water Quality" |

|  |  |
| --- | --- |
| Year | 2006 |
| Location | Ljubljana, Slovenia |
| Institution | Natural History Museum of Slovenia |
| Duration (from – to) | 1 week (20 February 2006 – 26 February 2006) |
| Area of work | Training in taxonomy and systematics of the family dance flies (Empididae) led by Dr Bogdan Horvat |

|  |  |
| --- | --- |
| **Awards** | 2004 ̶ Rector's Award for the work: " Collision of freshwater and marine ecosystems on the example of aquatic fauna of the anchialine subterranean habitats of Kornati islands " |

|  |  |
| --- | --- |
| **Membership and Activities in the scientific and professional organizations** | ZooKeys ̶ Subject Editor for Empidoidea since 2014  Representative of research assistants in the Collegium of Biology Division, Faculty of Science (2010 ̶ 2012)  Board member of Croatian Association of Freshwater Ecologists (CAFE)  Member of Croatian Entomological Society  Member of Astronomical-Astronautical Society of Zagreb |

|  |  |
| --- | --- |
| **Reviews for international scientific journals** | Annales de Limnologie – International Journal of Limnology (2012, 2014)  Polish Journal of Ecology (2012, 2013, 2014)  Proceedings of the Zoological Institute of the Russian Academy of ScienceZootaxa (2014)  Review of Hydrobiology (2012)  Zootaxa (2014)  ZooKeys ̶ Subject Editor for Empidoidea since 2014 |

|  |
| --- |
| **Personal Skills** |

|  |  |
| --- | --- |
| Mother tongue | Croatian |

|  |
| --- |
| Other Languages |

|  |  |
| --- | --- |
| Language | English |
| Understanding | C2 |
| Speaking | C2 |
| Writing | C1 |

|  |  |
| --- | --- |
| Language | Spanish |
| Understanding | C1 |
| Speaking | B1 |
| Writing | C1 |

|  |  |
| --- | --- |
| Language | German |
| Understanding | A1 |
| Speaking | A1 |
| Writing | A2 |

|  |  |
| --- | --- |
| **Communication Skills** | Very good communication skills, active in establishing contacts and engaged in maintaining collaborations with domestic and international experts, which is also reflected through teamwork and continuous collaboration on scientific projects and numerous publications |

|  |  |
| --- | --- |
| **Organisational / Managerial Skills** | I have participated in the organization of the celebration of the 140th anniversary of Department of Zoology, I was research associate at the exhibition held to mark this celebration titled: "Unbreakable bonds of zoology department of Croatian Natural History Museum and Department of Zoology, Faculty of Science” (2014)  I have participated in the organization of 1. Congress of research assistants and associates at the Division of Biology, Faculty of Science, held in the Botanical Garden in Zagreb 13 April 2012  I have participated in the organization and presentation of Division of Biology at the University Fair (2006, 2007, 2008 and 2012)  I have participated in the “Night of biology” as a leader of the group of Environmental sciences (2010, 2011)  I have organized 10 lectures in Department of Zoology, Division of Biology within the scientific seminar entitled "Scientific and Other talks" (2008)  I have participated in the organization of the basic astronomy course at the Observatory in Zagreb (2003) |

|  |  |
| --- | --- |
| **Technical and Computer Skills** | Working with a number of methods of field data collection of different life stages of aquatic insects and other aquatic animals  Good computer skills; Windows Operating System, MS Office, Adobe Photoshop and Illustrator, various programs such as CANOCO, PRIMER, STATISTICA |

|  |  |
| --- | --- |
| **Drivers Licence** | B |

|  |  |
| --- | --- |
| **Additional Information** | **The author / co-author of 30 original scientific papers:**  I. Scientific papers published in journals indexed by CC and SCI  **1.**Gottstein, S., M. Ivković, I. Ternjej, B. Jalžić & M. Kerovec, 2007. Environmental features and crustacean community of anchihaline hypogean waters on the Kornati islands, Croatia. Marine Ecology 28: 24-30.  **2.**Ivković, M., R. Matoničkin Kepčija, Z. Mihaljević & B. Horvat, 2007. Assemblage composition and ecological features of aquatic dance flies (Diptera, Empididae) in the Cetina River system, Croatia. Fundamental and Applied Limnology (Archive für Hydrobiologie) 170: 223-232.  **3.**Mičetić, V., M. Bučar, M. Ivković, M. Piria, I. Krulik, I. Mihoci, A. Delić, & M. Kučinić, 2008. Feeding ecology of Sabanejewia balcanica and Cobitis elongata in Croatia. Folia Zoologica 57: 181-190.  **4.**Mihaljević, Z., I. Ternjej, I. Stanković, M. Ivković, D. Želježić, M. Mladinić & N. Kopjar, 2011. Assessment of genotoxic potency of sulfat-rich surface waters on medicinal leech and human leukocytes using different versions of the Comet assay. Ecotoxicology and Environmental Safety 74: 1416-1426.  **5.**Ivković, M., V. Mičetić Stanković & Z. Mihaljević, 2012. Emergence patterns and microhabitat preference of aquatic dance flies (Empididae; Clinocerinae and Hemerodromiinae) on a longitudinal gradient of barrage lake system. Limnologica 42: 43-49.  **6.**Ivković, M., A. Plant & B. Horvat, 2012. A new species of Wiedemannia (Diptera: Empididae: Clinocerinae) from Balkan Peninsula. Zootaxa 3478: 581-585.  **7.**Šemnički, P., A. Previšić, M. Ivković, K. Čmrlec & Z. Mihaljević, 2012. Tufa barriers from a Caddisfly’s point of view: Streams or Lake outlets? International Review of Hydrobiology 97: 465-484.  **8.**Pont, A. & M. Ivković, 2013. The hunter-flies of Croatia (Diptera: Muscidae, genus Limnophora Robineau-Desvoidy). Journal of Natural History 47: 1069-1082.  **9.**Čmrlec, K., M. Ivković, P. Šemnički & Z. Mihaljević, 2013. Emergence phenology and microhabitat distribution of aquatic Diptera community at the outlets of barrage lakes: effect of temperature, substrate and current velocity. Polish Journal of Ecology 61: 135-144.  **10.**Ivković, M., M. Miliša, A. Previšić, A. Popijač & Z. Mihaljević, 2013. Environmental factors and emergence patterns: case study of changes in hourly and daily emergence of aquatic insects at constant and variable water temperatures. International Review of Hydrobiology 98: 104-115.  **11.**Ivković, M, R. Gračan & B. Horvat, 2013. Croatian aquatic dance flies (Diptera: Empididae: Clinocerinae and Hemerodromiinae): species diversity, distribution and relationship to surrounding countries. Zootaxa 3686: 255-276.  **12.**Kvifte, G.M., M. Ivković & A. Klarić, 2013. New records of moth flies (Diptera: Psychodidae) from Croatia, with the description of Berdeniella keroveci sp.nov. Zootaxa 3737: 57-67.  **13.**Miliša, M., M. Ivković & R. Matoničkin Kepčija, 2014. Energy resources and feeding guild structure of macroinvertebrate assemblages in the hyporheic zone of calcite depositing lake outlets. Limnologica 44: 66-71.  **14.**Ivković, M., M. Kesić, Z. Mihaljević & M. Kudelá, 2014. Emergence patterns and ecological preferences of hematophagous black flies along oligotrophic hydrosystem. Medical and Veterinary Entomology 28: 94-102.  **15.**Ternjej, I., Z. Mihaljević, M. Ivković, A. Previšić, I. Stanković, K. Maldini, D. Željezić, N. Kopjar, 2014. The impact of gypsum mine water: a case study on morphology and DNA integrity in the freshwater invertebrate, Gammarus balcanicus. Environmental pollution 189: 229-238.  **16.**Ivković, M., C. Zamora Muñoz, M. Sainz Bariaín & B. J. Sinclair, 2014. Aquatic Empididae (Diptera: Hemerodromiinae and Clinocerinae) of the Sierra Nevada, Spain, with the description of five new species. Zootaxa 3786: 541-556.  **17.**Ivković, M. & A. Plant, 2015. Aquatic insects in the Dinarides: identifying hotspots of endemism and species richness shaped by geological and hydrological history using Empididae (Diptera). Insect Conservation and Diversity  II. Scinetific papers published in journals indexed by Biological Sciences, Biological Abstracts, CAB Abstracts, Scopus  **18.**Ivković, M. & B. Horvat, 2007. Aquatic Dance flies (Diptera, Empididae: Clinocerinae, Hemerodromiinae) of the River Cetina. Natura Croatica 16: 171-179.  **19.**Vučković, I., I. Božak, M. Ivković, M. Jelenčić, M. Kerovac, A. Popijač, A. Previšić, S. Širac, I. Zrinski & M. Kučinić, 2009. Composition and structure of bentic macroinvertebrate communities in the mediterraneean karst river the Cetina and its tributary the Ruda, Croatia. Natura Croatica 18: 49-82.  **20.**Ivković, M., M. Miliša & Z. Mihaljević, 2010. The aquatic dnace flies fauna (Dipter, Empididae: Hemerodromiinae and Clinocerinae) of the Plitvice Lakes National park. Natura Croatica 19: 133-139.  **21.**Previšić, A., M. Ivković, M. Miliša & M. Kerovec, 2013. Caddisfly (Insecta: Trichoptera) fauna of papuk nature park, Croatia. Natura Croatica 22: 1-13.  **22.**Ivković, M., Z. Mihaljević, M. Miliša & A. Previšić, 2013. Aquatic dance flies fauna (Diptera, Empididae: Clinocerinae and Hemerodromiinae) of Montenegro. Natura Croatica 22: 243-252.  **23.**Baranov, V., M. Ivković & E. Willassen, 2013. First record of Diamesa thomasi Serra-Tosio, 1970, from Croatia. Chironomus Newsletter 26: 53-55.  **24.**Previšić, A., P. Dvorski, K. Cetinić & M. Ivković, 2013. New records for the Croatian caddisfly (Trichoptera, Insecta) fauna from Plitvice Lakes National park. Entomologica Croatica 17: 7-12.  **25.**Vilenica, M., J-L. Gattolliat, M. Ivković, M. Kučinić, V. Mičetić Stanković, Z. Mihaljević & M. Sartori, 2014. The Mayfly fauna (Insecta, Ephemeroptera) of the Plitvice Lakes National Park. Natura Croatica 23: 349-363.  **26.**Šemnički, P., A. Previšić, M. Ivković, K. Čmrlec & Z. Mihaljević, 2012. Emergence of caddisflies (Trichoptera, Insecta) at tufa barriers in the Plitvice Lakes National Park. Entomologica Croatica 15: 145-161.  **27.**Ivković, M. & B. Horvat, 2007. Hemerodromia raptoria (Meigen) a newly recorded species of aquatic dance flies (Diptera, Empididae) in Croatia and its distribution on Balkan Peninsula. Natura Croatica 16: 79-82.  **28.**Ivković, M. & W. Weiβmair, 2011. Faunistics and distribution of aquatic Neuroptera in Croatia. Natura Croatica 20: 449-454.  **29.**Ivković, M., M. Kesić & V. Stloukalová, 2012. Contribution to the knowledge oft he Black fly (Diptera, Simuliidae) fauna at Plitvice lakes National park. Natura Croatica 21: 263-268.  **30.**Ivković, M., T. Vojvoda Zeljko & A. Previšić, 2014. New records of aquatic Dance flies (Empididae: Clinocerinae and Hemerodromiinae) from Bosnia and Herzegovina. Natura Croatica 23: 401-406.  **The author / co-author of 20 abstracts from international scientific conferences**  **I gave one invited lecture at the University of Granada, Spain and one invited lecture for Natural Society of Croatia**  **Auxiliary leadership to six graduate students** |