



Curriculum Vitae

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PERSONAL INFORMATION

Name and surname **Zrinka Ljubešić (Burić)**
 Academic title Dr. sc.
 Year and institution 2007 Faculty of Science of University of Zagreb
 of PhD obtained
 Address Harambašićeva 10
 Phone +385 1 4877716
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 E-mail zrinka@biol.pmf.hr
 Personal web page <https://www.pmf.hr/biol>
 Citizenship Croatian
 Date and place of birth 24/3/1975

WORK EXPERIENCE¹ (CHRONOLOGICALLY*)

Date (from – until) 2009 to date
 Institution University of Zagreb, Faculty of Science, Division of Biology
 Position **Assistant professor**
 Work field Taxonomy and ecology of marine phytoplankton

Date (from – until) 2008 – 2009
 Institution University of Zagreb, Faculty of Science, Division of Biology
 Position **Senior teaching and research assistant**
 Work field Taxonomy and ecology of marine phytoplankton

Date (from – until) 2004 – 2008
 Institution University of Zagreb, Faculty of Science, Division of Biology
 Position **Teaching and research assistant**
 Work field Taxonomy and ecology of marine phytoplankton

Date (from – until) 1998 – 2000
 Institution University of Zagreb, Faculty of Science, Division of Biology
 Position **Younger teaching and research assistant**
 Work field Taxonomy and ecology of marine phytoplankton

EDUCATION² (CHRONOLOGICALLY)

Date November 2007
 Place Zagreb
 Institution Faculty of Science, University of Zagreb
 Title of qualification **PhD, biology**
 awarded

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* all information in the document should be entered chronologically – from the most recent to the oldest

Date September 2003
 Place Zagreb
 Institution Faculty of Science, University of Zagreb
 Title of qualification **Mr.Sc., biology - ecology**
 awarded

Date July 1997
 Place Zagreb
 Institution Faculty of Science, University of Zagreb
 Title of qualification **BSc, biology - ecology**
 awarded

TRAINING (CHRONOLOGICALLY)

Year 2008
 Place Naples, Italy
 Institution **Stazione Zoologica "Anton Dohrn"**
 Subject and skills covered Participation in "Advanced Phytoplankton Taxonomy Course"

Year 2007
 Place Los Angeles, California, USA
 Institution **University of Southern California**
 Subject and skills covered Final data analysis for PhD thesis, ocean optics, physical- biological coupling

Year 2005
 Place Southampton, United Kingdom
 Institution **National Oceanography Centre Southampton**
 Subject and skills covered Role of diatoms in iodate reduction, stripping voltametry, cultures

Year 2004
 Place Naples, Italy
 Institution **Stazione Zoologica "Anton Dohrn"**
 Subject and skills covered Participating in course: "The Role of Flow Cytometry in Marine Biodiversity and Ecosystem Functioning",

Year 2004
 Place Portland, Maine, USA
 Institution **Bigelow Laboratory for Ocean Sciences**
 Subject and skills covered Participating in "Phytoplankton culturing techniques course",

Year 2003
 Place **Research vessel "Knorr"**
 Institution University of Zagreb
 Subject and skills covered Participating in scientific cruise for the international project: "Adriatic Circulation Experiment: Mesoscale Dynamics and Response to Strong Atmospheric Forcing"

LANGUAGES

MOTHER TONGUE **Croatian**
ENGLISH LANGUAGE
 Speaking excellent
 Writing excellent
 Reading excellent

OTHER FOREIGN LANGUAGES³

Language	German
Speaking	excellent
Writing	excellent
Reading	excellent

RESEARCH AND OTHER PROJECTS

(CHRONOLOGICALLY; LEADER AND ASSOCIATES; FUNDING SOURCE)

Project leader:

2014 – „Bio-tracing Adriatic water masses (BIOTA)”

2014 – bilateral project of University of Zagreb „Cooperation”

2011 -2012 „Phytoplankton diversity in relation to environmental conditions in Tealšćica aquatorium NP Telašćica”

Associate on international projects:

2006-2010 - Collaboration with Norway: “Marine science and coastal management in the Adriatic region, Western Balkans. An education and research network.” (<http://westbalkan.akvaplan.com/>), leaders: Dr. sc. Božena Čosović and Dr. sc. P. Wassmann.

2003 "Adriatic Circulation Experiment: Mesoscale Dynamics and Response to Strong Atmospheric Forcing", leader Craig Lee, University of Washington

2003 – 2005 “The Croatian and Norwegian coastal zone: ecosystem dynamics and environmental changes” – leader: Paul Wassman

Associate on projects of Croatian Ministry of science, education and sport:

2007- 119-1191189-1228 „Structure and development of microalgae in trophic gradient „ – leader: Damir Viličić

2001-2006: 119- 0119144 “Structure and development of microalgal communities in the karstic estuary” - leader: Damir Viličić

1998-2011: “Systematic research of the Adriatic Sea as a base for sustainable development of the Republic of Croatia”, leader Nenad Smolaka

1998-2001: 119121 „ Organisms and communities on the on contact between karstic waters and the sea” - leader: Damir Viličić.

TEACHING

(CHRONOLOGICALLY; UNDERGRADUATE, GRADUATE , POSTGRADUATE STUDY PROGRAMMES)

2014-up to date, leader of courses:

postgraduate study: Ecology and taxonomy of marine phytoplankton

undergraduate study: Biological oceanography

2009 - up to date, leader of courses:

undergraduate study: Protists

graduate study: Ecology of Protists

2009 - up to date leader of laboratory exercises

undergraduate study: Biological oceanography, Fieldstudy for students

2005 – 2009 leader of laboratory exercises

undergraduate study: Protists, Biological oceanography, Fieldstudy for students

graduate study: Ecology of Protists

1998 – 2006 leader of laboratory exercises

undergraduate study: Algae and Fungae, Fieldstudy for students, Microbiology. Microbiology of ecosystem, Ecology of Protists

**MENTORSHIP OF DEFENDED DOCTORAL AND MASTER DISSERTATIONS
AND TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS
(CHRONOLOGICALLY)**

2012 - up to date Leader of graduate program Experimental biology (University of Zagreb, Faculty of Science, Division of Biology)

Mentorship of graduation thesis:

2014 – Maja Mejdandžić, Nikola Malešević

2013 - Marta Sušek, Tina Nenadović, Doroteja Polović

2012 - Luka Šupraha, Magdalena Jambrek

2005 - Jelena Godrijan

Mentorship of undergraduation thesis:

2012 - Maja Mejdandžić, Marina Linardić

2011 - Doroteja Polović

2010 - Ivana Pozojević

**VISITS TO FOREIGN RESEARCH AND EDUCATION INSTITUTIONS
(CHRONOLOGICALLY; ONLY VISITS LONGER THAN 3 MONTHS)**

2005 - 6months study period in National Oceanography Centre Southampton, Southampton,UK, under supervision of dr E. Achterberg („British Scholarship Trust“)

**AWARDS AND RECOGNITIONS
(CHRONOLOGICALLY)**

2007 - National fellow “For women in science” (L’Oréal Adria and UNESCO)

**ORGANIZATIONAL SKILLS AND COMPETENCES
(CHRONOLOGICALLY; ORGANIZATION OF HOME AND INTERNATIONAL SCIENCE EVENTS)**

- 2014 – organization of international symposium 8. Central European Diatom Meeting
- 2014 – organization of field trip for undergraduate students
- 2013 - up to date assistant of head of the department for investments and maintenance
- 2013 – organization of two fieldtrips in middle Adriatic (investigation of coccolithophores in nutrient gradient). Collaboration with University of Uppsala and University of Oslo
- 2012 - up to date Leader of graduate program Experimental biology (University of Zagreb, Faculty of Science, Division of Biology)
- 1998-2013 assisting in organization of field trips for undergraduate students

MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES

(CHRONOLOGICALLY; HOME AND INTERNATIONAL ORGANIZATIONS AND BODIES)

- 2009 - Croatian Botanical Society
- 2009 - International Society for Diatom research
- 2003 - Croatian Biological Society 1885
- 2002 - British Phycological Society

COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS

(CHRONOLOGICALLY; HOME AND INTERNATIONAL)

- 2015 –President of Croatian Botanical Society
- 2015- Council member of Federation of European Phycological Societies
- 2013 – Head of Algological section, Croatian Botanical Society
- 2012 - up to date Member of Scientific Council for Adriatic Research, Croatian Academy for Sciences and Arts
- 2011-2013 - Head of commission (Department of Biology, Faculty of Science) for evaluation of student papers for Rector awards (University of Zagreb)
- 2011-2012 - Member of commission (Department of Biology, Faculty of Science) for evaluation of student papers for Rector awards (University of Zagreb)

Reviewer:

- 2014 – Biological Indicators
- 2013 - Acta Botanica Croatica
- 2012 - Acta Botanica Croatica
- 2011 - Journal of Phycology, Nova Hedwigia
- 2010 - Molecules (2 manuscripts)
- 2008 - Acta Botanica, Fresenius Bulletin
- 2006 - Estuarine, Coastal and Shelf Science

OTHER RESEARCH ACTIVITIES

(CHRONOLOGICALLY; CHIEF EDITOR OR EDITOR OF RESEARCH BOOK, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS AND OTHER)

Editorial boards:

- 2014 – guest editor of Acta Botanica Croatica
 2012 – up to date Section editor of Acta Botanica Croatica
 2010 - up to date Member of editorial board of Natura Croatica
 1999-2012 Assistant to the editor of Acta Botanica Croatica

COMPUTER SKILLS

excellent

PAPERS

(CHRONOLOGICALLY; RESEARCH BOOKS, HOME AND INTERNATIONAL RESEARCH JOURNALS, HOME AND INTERNATIONAL CONFERENCE PROCEEDINGS; PLEASE WRITE THEIR IMPACT FACTOR)

1. Abstract book of the 8th Central European Diatom Meeting 2014: **Ljubešić, Z.**, Godrijan, J., Marić Pfannkuchen, Daniela (eds.), Zagreb, Croatian Botanical Society, 72pp.
1. Šupraha, L.; Bosak, S.; **Ljubešić, Z.**; Mihanović, H.; Olujić, G.; Mikac I.; Viličić, D. 2014: Cryptophyte bloom in a Mediterranean estuary: High abundance of *Plagioselmis* cf. *prolonga* in the Krka River estuary (eastern Adriatic Sea), *Scientia Marina*, in press, **IF: 1.006**.
2. Viličić, D., Kuzmić, M., Tomažić, I., **Ljubešić, Z.**, Bosak, S., Precali, R., Djakovac, T., Marić, D., Godrijan, J., 2013: Northern Adriatic phytoplankton response to short Po River discharge pulses during summer stratified conditions. *Marine Ecology-An Evolutionary Perspective*. **34**, 4; 451-466. **IF: 2.561**
3. Mihanović, H., Vilibić, I, Carniel, S., Tudor, M., Russo, A., Bergamasco, A., Bubić, N., **Ljubešić, Z.**, Viličić, D., Boldrin, A., Malačić, V., Celio, M., Comici, C., Raicich, R., 2013: Exceptional dense water formation on the Adriatic shelf in the winter of 2012. *Ocean science*. **9**, 561-572. **IF: 2.2**
4. Kršinić, F., Ciglencečki, I., **Ljubešić, Z.**, Viličić, D. 2013: Population dynamics of the calanoid copepod *Acartia italica* Steurer in a small saline lake. *Acta Adriatica*. **54**, 3-12.
5. Bosak, S., Šilović, T., **Ljubešić, Z.**, Kušpilić, G., Pestorić, B., Krivokapić, S., Viličić, D., 2012: Phytoplankton size structure and species composition as an indicator of trophic status in transitional ecosystems: the case study of a Mediterranean fjord-like karstic bay. *Oceanologia*, **54**, 255-286. **IF: 1.2**
6. **Ljubešić, Z.**, Bosak, S., Viličić, D., Kralj Borojević, K., Marić, D., Godrijan, J., Ujević, I., Peharec, P., Đakovac, T., 2011: Ecology and taxonomy of potentially toxic *Pseudo-nitzschia* species in Lim Bay (north-eastern Adriatic Sea). *Harmful algae*, **10**, 713-722. **IF:4,28**
7. Marić, D., **Ljubešić, Z.**, Godrijan, J., Viličić, D., Ujević, I., Precali, R., 2011: Blooms of the potentially toxic diatom *Pseudo-nitzschia calliantha* Lundholm, Moestrup & Hasle in coastal waters of the northern Adriatic Sea (Croatia). *Estuarine, Coastal and Shelf Science*, **92**, 323-331, **IF:1,970**

8. Šilović, T., **Ljubešić, Z.**, Mihanović, H., Olujić, G., Terzić, S., Jakšić, Ž., Viličić, D., 2011: Picoplankton composition related to thermohaline circulation on the albanian boundary zone (Southern Adriatic) in late spring. *Estuarine, Coastal and Shelf Science*. 91, 519-525. **IF:1,970**
9. Šupraha, L., Bosak, S., **Ljubešić, Z.**, Olujić, G., Horvat, L., Viličić, D., 2011: The phytoplankton composition and spatial distribution in the north-eastern Adriatic Channel in autumn 2008. *Acta Adriatica*. 52, 29-44. **IF: 1.558**
10. Penezić, A., Gašparović, B., **Burić, Z.**, Frka, S. 2010: Distribution of marine lipid classes in salty Rogoznica Lake (Croatia). *Estuarine, Coastal and Shelf Science*. 86, 625-636. **IF:1,970**
11. Viličić, D., Đakovac, T., **Burić, Z.**, Bosak, S., 2009: Composition and annual cycle of phytoplankton assemblages in the northeastern Adriatic Sea. *Botanica Marina*. 52, 291-305. **IF:1.206**
12. Viličić, D., Kuzmić, M., Bosak, S., Šilović, T., Hrustić, E., **Burić, Z.**, 2009: Distribution of phytoplankton along the thermohaline gradient in the north-eastern Adriatic channel ; winter aspect. *Oceanologia*, 51, 495-513. **IF: 0.613**
13. Bosak, S., **Burić, Z.**, Đakovac, T., Viličić, D., 2009: Seasonal distribution of plankton diatoms in Lim Bay, northeastern Adriatic Sea. *Acta Botanica Croatica*. 68, 351-365.
14. **Burić, Z.**, Caput Mihalić, K., Cetinić, I., Ciglencečki, I., Carić, M., Viličić, D., Čosović, B., 2009: Occurrence of the rare microflagellates *Prorocentrum arcuatum* Issel and *Hermesinum adriaticum* Zacharias in the marine Lake Rogoznica (eastern Adriatic coast). *Acta Adriatica*. 50, 31-44.
15. Caput Mihalić, K., Viličić, D., Ahel, M., **Burić, Z.**, Carić, M., 2008: Periphytic algae development in the upper reach of the Zrmanja Estuary (eastern Adriatic coast). *Vie et Milieu*. 58, 203-213. **IF: 0.475**
16. Viličić, D., Terzić, S., Ahel, M., **Burić, Z.**, Jasprica, N., Carić, M., Caput Mihalić, K., Olujić, G., 2008: Phytoplankton abundance and pigment biomarkers in the oligotrophic, eastern Adriatic estuary. *Environmental Monitoring and Assessment*, 142, 199-218. **IF: 1.356**
17. **Burić, Z.**, Viličić, D., Caput Mihalić, K., Carić, M., Kralj, K., Ljubešić, N., 2008: Pseudo-nitzschia blooms in the Zrmanja River estuary. *Diatom Research*, 23, 51-63. **IF: 0.99**
18. Burić, Z., Cetinić, I., Viličić, D., Caput Mihalić, K., Carić, M., Olujić, G., 2007: Spatial and temporal distribution of phytoplankton in a highly stratified estuary (Zrmanja, Adriatic Sea). *Marine Ecology: an evolutionary perspective*, 28 (Suppl. 1), 169-177. **IF: 1.55**
19. Viličić, D., Bosak, S., **Burić, Z.**, Caput-Mihalić, K., 2007: Phytoplankton seasonality and composition along the coastal NE Adriatic Sea during the extremely low Po River discharge in 2006. *Acta Botanica Croatica*, 66, 101-115.
20. Burić, Z., Kiss, K., Acs, E., Viličić, D., Caput-Mihalić K., Carić, M., 2007: The occurrence and ecology of the centric diatom *Cyclotella choctawhatcheeana* Prasad in a Croatian estuary, *Nova Hedwigia*, 84, 135-153. **IF: 0.77**
21. Cetinić, I., Viličić, D., **Burić, Z.**, Olujić G., 2006: Phytoplankton seasonality in a highly stratified karstic estuary (Krka, Adriatic Sea), *Hydrobiologia*, 555, 31-41. **IF: 1.049**

22. **Burić, Z.**, Viličić, D., Cetinić, I., Caput, K., Marina Carić, Olujić, G., 2005: Taxonomic composition of phytoplankton in the Zmanja Estuary (Adriatic Sea). *Periodicum Biologorum*, 107, 305-312.
23. Caput, K., **Burić, Z.**, Olujić, G., 2005: Vertical distribution of periphytic diatoms in the karstic Zrmanja River (Croatia). *Acta Botanica Croatica*, 64, 227-236.
24. **Burić, Z.**, Caput, K., Viličić, D., 2004: "Distribution of the diatom *Cocconeis scutellum* in the karstic estuary (Zrmanja, eastern Adriatic Sea)". *Biologia*, 59, 1-8.
IF: 0.207
25. Viličić, D., Kršinić, F., **Burić, Z.**, Caput, K., 2000: Taxonomic composition and abundance of phytoplankton in the middle reach of the karstic Zrmanja Estuary (Croatia). *Acta Botanica Croatica*, 59, 361–374.
26. Viličić, D., Orlić, M., **Burić, Z.**, Carić, M., Jasprica, N., Kršinić, F., Smirčić, A., Gržetić, Z., 1999: Patchy distribution of phytoplankton in a highly stratified estuary (the Zrmanja estuary, October 1998). *Acta Botanica Croatica*, 58, 105–125.
27. Viličić, D., Jasprica, N., Carić, M., **Burić, Z.**, 1998: Taxonomic composition and seasonal distribution of microphytoplankton in Mali Ston Bay (eastern Adriatic). *Acta Botanica Croatica*, 57, 29-48.