

PERSONAL INFORMATION

Name and surname: Sunčica Bosak

Researchers Identification Number: 301434

web: www.pmf.unizg.hr/biol/en/suncica.bosak; www.researchgate.net/profile/Suncica_Bosak

EDUCATION

2013 - PhD., Interdisciplinary Study of Oceanology

Institution: University of Zagreb, Faculty of Science

Thesis: The family Chaetocerotaceae from Adriatic Sea. Supervisors prof. Damir Viličić and Diana Sarno

2006 – Diploma Biology – Ecology

Institution: University of Zagreb, Faculty of Science

Thesis: Investigation of *slr0192* gene function in cyanobacterium *Synechocystis* sp. PCC6803. Supervisor prof. Hrvoje Fulgosi

WORK EXPERIENCE

2016 –on Assistant professor

Institution: University of Zagreb, Faculty of Science, Department of Biology

2013 – 2016 postdoctoral researcher

Institution: University of Zagreb, Faculty of Science, Department of Biology

2008 – 2013 junior researcher, teaching assistant

Institution: University of Zagreb, Faculty of Science, Department of Biology

FELLOWSHIPS AND AWARDS

May 2019

MICROTURTLE TA project ASSEMBLE Plus H2020 programme; Stazione Zoologica Anton Dohrn, Naples, Italy (2 weeks grant, with doctoral student Klara Filek)

June 2017

Diatoms from the Adriatic Sea in Stockholm: documentation of P.T. Cleve material stored in Naturhistoriska riksmuseet. Project financed by SYNTHESYS EU funded grant in Swedish Museum of Natural History, Stockholm, Sweden

February – May 2013

NOTCH (New insights on morphology and taxonomy of the planktonic diatom genus *Chaetoceros*) financed by ASSEMBLE (Association of European Marine Biological Laboratories) EU FP7 project

June/July 2011

BIOMARDI (Biodiversity of the marine diatoms: morphological and molecular characterization) financed by EU FP7 project ASSEMBLE

PROJECTS

2018 – 2023 Loggerhead sea turtle (*Caretta caretta*) microbiome: insight into endozoic and epizoic communities TurtleBIOME Installation Research Grant HRZZ UIP-25-2017-5635 (2.305.640,00 HRK, 5 yrs)

2020 – 2024 H2020 Research Infrastructure project AQUACOSMplus; coordinators Jens C. Nejstgaard, Stella Berger member of User Selection Panel

2019 – COST Action CA18238 - European transdisciplinary networking platform for marine biotechnology (Ocean4Biotech); MC member

2014 – 2017: “Bio-tracing Adriatic water masses (BIOTA)”. Installation Research Project; funded by Croatian Science Foundation; headed by Dr. Zrinka Ljubešić (3 yrs)

2016 –ESSEM COST Action ES1408 European network for algal-bioproducers (EUALGAE); MC member

2010-2013: Phytoplankton biodiversity in relation to environmental conditions in Nature Park Telašćica” funded by Ministry of Culture, Republic of Croatia headed by Dr. Zrinka Ljubešić, Faculty of Science, (PMF), Zagreb, Croatia (3 years)

2008 – 2012: The project funded by the Ministry of Science, Education and Sports of the Republic of Croatia no. 119-1191189-1228 “Structure and development of microalgae communities along the trophic gradient” lead by Prof. Damir Viličić, PMF, Zagreb, Croatia (4 years)

2006 – 2011: The Croatian National Monitoring Programme: "Project Adriatic“, lead by Dr. Nenad Smodlaka, IRB, Zagreb, Croatia funded by the Ministry of Science, Education and Sports of the Republic of Croatia (5 years)

2010-2012: An impact of antifouling paints as a source of contamination by ecotoxic metals in the coastal marine environment “ (French/Croatian bilateral COGITO project) headed by Dr. Dario Omanović, IRB, Zagreb, Croatia and Prof. Cedric Garnier, University of Toulon (USTV), France (2 years).

2006-2009: „Norwegian Cooperation Program on Research and Higher Education with the countries on the Western Balkans: Marine Science and Coastal Management in the Adriatic, Western Balkan,“, headed by Dr. Božena Ćosović IRB, Zagreb, Croatia and Prof. Paul Wassman NCFS, Tromsø, Norway (3 years)

September 2009 “Plankton food webs in the future ocean: effects of temperature, CO₂ and bloom structure” headed by Dr. Sam Dupont, University of Göteborg, Sweden, funded by the European FP7 Capacities project MESOAQUA (one month).

SUPERVISION OF GRADUATE/ DOCTORAL STUDENTS

Institution: University of Zagreb, Faculty of Science, Department of Biology

Doctoral student

2018 – Klara Filek

Graduate (Master) thesis:

2020 – **Lucija Kanjer** Epizoic diatom genus *Poulinea* from loggerhead sea turtles in the Adriatic Sea i
Antonija Matek Optimizacija umjetnog osvjjetljenja u uzgoju laboratorijskih kultura dijatomeja *Achnanthes elongata* i *Poulinea lepidochelicola*

2017 Silvija Galović: Taxonomy and ecology of planktonic diatom community from South Adriatic Pit

2016 Petra Raos: Microplankton from South Adriatic Pit

2012 Luka Šupraha (co-supervisor): Ecology and taxonomy of cryptophytes in highly stratified estuary

Undergraduate (Bachelor) thesis:

2019 - Mia Šepčević , Mihaela Mihaljević, Iva Kovačić

2018 – Maja Kovačević, Tina Zorić

2017 – Antonija Mamić, Lucija Kanjer, Ivan Meić

TEACHING ACTIVITIES

2016/2017 – University of Zagreb, Faculty of Forestry: **Microbial Ecology** – lectures (undergraduate)
University of Zagreb, Faculty of Science, Department of Biology

2014 – onwards **Microbial ecology** - undergraduate level (lectures & practical work)

2013 – onwards **Pelagic microbiology** - graduate level (lectures & practical work)

2008 – onwards **Biological Oceanography** – undergraduate level (practical work & seminars)

2006 - 2014 Microbial ecology (practical work – teaching assistant)

2007 – 2013 Protists (practical work – teaching assistant)

2007 – 2013 & 2016 Field course in biodiversity of protists and invertebrates

2006 – Microbiology (teaching assistant)

ORGANISATION OF SCIENTIFIC MEETINGS

2019 – 7th European Phycological Congress – local organizing committee member

2015 12th Croatian Biological Congress/Organizing Committee member, Head of technical support team/

250 participants/Sv Martin na Muri, Croatia

2015 6th Balkan Botanical Congress/Technical support/100 participants/Rijeka, Croatia

2013 8th Central European Diatom Meeting/ Organizing Committee member, Head of technical support team/ 60 participants/ Zagreb, Hrvatska

2009 10th Croatian Biological Congress/ Technical support/250 participants/Osijek, Croatia

ORGANISATIONAL RESPONSIBILITIES

2014 – 2016 Representative of Postdocs and PhD students in Committee board of Department of Biology, Faculty of Science, University of Zagreb

2014 – 2016 Representative of Postdocs and PhD students of Division of Botany, in Council of Department of Biology, Faculty of Science, University of Zagreb

2011 – 2014 Representative substitute of Postdocs and PhD students of Division of Botany, in Council of Department of Biology, Faculty of Science, University of Zagreb

OTHER

2006 – 2018 Journal manager of Acta Botanica Croatica

2007 – 2010 Treasurer of Croatian Society for Plant Biology

Reviewer for scientific journals: Limnology and Oceanography: Methods; Journal of Geomicrobiology, Phycologia, Phytotaxa, Peer J; Botanica marina, Canadian journal of Fisheries, Nova Hedwigia, International Journal of Marine Science, Journal of the Marine Biological Association of the United Kingdom, Biotechnology for Biofuels.

LIST OF PUBLICATIONS

1. Majewska, Roksana; Bosak, Sunčica; Frankovich, Thomas A.; Ashworth, Matt P.; Sullivan, Michael J.; Robinson, Nathan J.; Lazo-Wasem, Eric A; Pinou, Theodora; Nel, Ronel; Manning, Schonna. R.; Van de Vijver, Bart Six new epibiotic Proschkinia (Bacillariophyta) species and new insights into the genus phylogeny. // European journal of phycology (2019)
doi:10.1080/09670262.2019.1628307
2. Kanjer, Lucija; Mucko, Maja; Car, Ana; Bosak, Sunčica Epiphytic diatoms on Posidonia oceanica (L.) Delile leaves from eastern Adriatic Sea. // Natura Croatica : periodicum Musei historiae naturalis Croatici, 28 (2019), 1; 1-20 doi:10.20302/NC.2019.28.1
3. Robert, Kathe; Bosak, Sunčica; Van de Vijver, Bart Catenula exigua sp. nov., a new marine diatom (Bacillariophyta) species from the Adriatic Sea. // Phytotaxa, 414 (2019), 2; 113-118
doi:10.11646/phytotaxa.414.2.3
4. Krivokapić, Slađana; Bosak, Sunčica; Viličić, Damir; Kušpilić, Grozdan; Drakulović, Dragana; Pestorić, Branka Algal pigments distribution and phytoplankton group assemblages in coastal transitional environment – Boka Kotorska Bay (South eastern Adriatic Sea). // Acta Adriatica : international journal of Marine Sciences, 59 (2018), 1; 35-49
5. Mejdandžić, Maja; Bosak, Sunčica; Nakov, Teofil; Ruck, Elizabeth; Orlić, Sandi; Gligora Udovič, Marija; Peharec Štefanić, Petra; Špoljarić, Igor; Mršić, Gordana; Ljubešić, Zrinka Morphological diversity and phylogeny of the diatom genus Entomoneis (Bacillariophyta) in marine plankton: six new species from the Adriatic Sea. // Journal of phycology, 54 (2018), 2; 275-298
doi:10.1111/jpy.12622 (međunarodna recenzija, članak, znanstveni)
6. Babić, Ivana; Mucko, Maja; Petrić, Ines; Bosak, Sunčica; Mihanović, Hrvoje; Vilibić, Ivica; Dupčić Radić, Iris; Cetinić, Ivona; Balestra, Cecilia; Casotti, Raffaella; Ljubešić, Zrinka Multilayer approach for characterization of bacterial diversity in a marginal sea: From surface to seabed. // Journal of marine systems, 184 (2018), 15-27 doi:10.1016/j.jmarsys.2018.04.002
7. Čalić, Marijeta; Ljubimir, Stijepo; Bosak, Sunčica; Car, Ana First records of two planktonic Indo-Pacific diatoms: Chaetoceros bacteriastroides and C. pseudosymmetricus in the Adriatic Sea. // Oceanologia, 60 (2018), 101-105 doi:10.1016/j.oceano.2017.07.005

8. Bosak, Sunčica; Hernández Becerril, David Uriel; Kavre Piltaver, Ivna; Petravić, Mladen; Ljubešić, Zrinka Morphological observations on the rare, planktonic, araphid diatom *Neodelphineis indica* (Taylor) Tanimura (Bacillariophyta). // *Nova Hedwigia. Beiheft*, 147 (2018), 35-41 doi:10.1127/nova-suppl/2018/005
9. Mucko, Maja; Bosak, Sunčica; Casotti, Raffaella; Balestra, Cecilia; Ljubešić, Zrinka Winter picoplankton diversity in an oligotrophic marginal sea. // *Marine Genomics*, 42 (2018), 14-24 doi:10.1016/j.margen.2018.09.002
10. Mejdandžić, Maja; Bosak, Sunčica; Orlić, Sandi; Gligora Udovič, Marija; Peharec Štefanić, Petra; Špoljarić, Igor; Mršić, Gordana; Ljubešić, Zrinka *Entomoneis tenera* sp. nov., a new marine planktonic diatom (Entomoneidaceae, Bacillariophyta) from the Adriatic Sea. // *Phytotaxa*, 282 (2017), 1; 1-18 doi:10.11646/phytotaxa.292.1.1
11. Babić, Ivana; Petrić, Ines; Bosak, Sunčica; Mihanović, Hrvoje; Dupčić Radić, Iris; Ljubešić, Zrinka Distribution and diversity of marine picocyanobacteria community : Targeting of *Prochlorococcus* ecotypes in winter conditions (southern Adriatic Sea). // *Marine Genomics*, 17 (2017), 3-11 doi:10.1016/j.margen.2017.05.014
12. Bosak, Sunčica; Sarno, Diana The planktonic diatom genus *Chaetoceros* Ehrenberg (Bacillariophyta) from the Adriatic Sea. // *Phytotaxa*, 314 (2017), 1; 1-44 doi:10.11646/phytotaxa.314.1.1
13. Lučić, Davor; Ljubešić, Zrinka; Babić, Ivana; Bosak, Sunčica; Cetinić, Ivona; Vilibić, Ivica; Mihanović, Hrvoje; Hure, Marijana; Njire, Jakica; Lučić, Petra; Kružić, Petar Unusual winter zooplankton bloom in the open southern Adriatic Sea. // *Turkish journal of zoology*, 41 (2017), 6; 1024-1035 doi:10.3906/zoo-1702-17
14. Bosak, Sunčica; Godrijan, Jelena; Šilović, Tina Dynamics of the marine planktonic diatom family Chaetocerotaceae in a Mediterranean coastal zone. // *Estuarine, coastal and shelf science*, 180 (2016), 69-81 doi:10.1016/j.ecss.2016.06.026
15. Gligora Udovič, Marija; Cvetkoska, Aleksandra; Žutinić, Petar; Bosak, Sunčica; Stanković, Igor; Špoljarić, Igor; Mršić, Gordana; Kralj Borojević, Koraljka; Ćukurin, Anamarija; Plenković-Moraj, Anđelka Defining centric diatoms of most relevant phytoplankton functional groups in deep karst lakes. // *Hydrobiologia*, 788 (2016), 1; 169-191 doi:10.1007/s10750-016-2996-z
16. Bosak, Sunčica; Gligora Udovič, Marija; Sarno, Diana Morphological study of *Chaetoceros wighamii* Brightwell (Chaetocerotaceae, Bacillariophyta) from Lake Vrana, Croatia. // *Acta botanica Croatica*, 74 (2015), 2; 233-244. (<https://www.bib.irb.hr/777253>)
17. Bosak, Sunčica; Šupraha, Luka; Nanjappa, Deepak; Kooistra, Wiebe H.C.F.; Sarno, Diana Morphology and phylogeny of four species from the genus *Bacteriastrum* (Bacillariophyta). // *Phycologia*, 54 (2015), 2; 130-148 doi:10.2216/14-62
18. Šupraha, Luka; Bosak, Sunčica; Ljubešić, Zrinka; Mihanović, Hrvoje; Olujić, Goran; Mikac, Iva; Viličić, Damir Cryptophyte bloom in a Mediterranean estuary: High abundance of *Plagioselmis* cf. *prolonga* in the Krka River estuary (eastern Adriatic Sea). // *Scientia marina*, 78 (2014), 3; 329-338 doi:10.3989/scimar.03998.28C
19. Troedsson, Christofer; Bouquet, Jean-Marie; Lobon, Carla M.; Novac, Aliona; Nejtgaard, Jens C.; Dupont, Sam; Bosak, Sunčica; Jakobsen, Hans H.; Romanova, Nadezda; Pankoke, Lene M. et al. Effects of ocean acidification, temperature and nutrient regimes on the appendicularian *Oikopleura dioica* : A mesocosm study. // *Marine biology*, 160 (2013), 8; 2175-2187 doi:10.1007/s00227-012-2137-9
20. Viličić, Damir; Kuzmić, Milivoj; Tomažić, Igor; Ljubešić, Zrinka; Bosak, Sunčica; Precali, Robert; Djakovac, Tamara; Marić, Danijela; Godrijan, Jelena Northern Adriatic phytoplankton response to short Po River discharge pulses during summer stratified conditions. // *Marine ecology an evolutionary perspective*, 34 (2013), 4; 451-466 doi:10.1111/maec.12046

21. Šilović, Tina; Bosak, Sunčica; Jakšić, Željko; Fuks, Dragica. Seasonal dynamics of the autotrophic community in the Lim Bay (NE Adriatic Sea). // *Acta Adriatica*, 53 (2012), 1; 41-56. (<https://www.bib.irb.hr/588793>)
22. Bosak, Sunčica; Pletikapić, Galja; Hozić, Amela; Svetličić, Vesna; Sarno, Diana; Viličić, Damir A novel type of colony formation in marine planktonic diatoms revealed by atomic force microscopy. // *PLoS One*, 7 (2012), 9; e44851, 7 doi:10.1371/journal.pone.0044851
23. Bosak, Sunčica; Šilović, Tina; Ljubešić, Zrinka; Kušpilić, Grozdan; Pestorić, Branka; Krivokapić, Sladjana; Viličić, Damir 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 (2012), 2; 255-286 doi:10.5697/oc.54-2.255
24. Šupraha, Luka; Bosak, Sunčica; Ljubešić, Zrinka; Olujić, Goran; Horvat, Lucija; Viličić, Damir The phytoplankton composition and spatial distribution in the north-eastern Adriatic Channel in autumn 2008. // *Acta Adriatica*, 52 (2011), 1; 29-44. (<https://www.bib.irb.hr/524352>)
25. Viličić, Damir; Šilović, Tina; Kuzmić, Milivoj; Mihanović, Hrvoje; Bosak, Sunčica; Tomazić, Igor; Olujić, Goran Phytoplankton distribution across the southeast Adriatic continental and shelf slope to the west of Albania (spring aspect). // *Environmental monitoring and assessment*, 177 (2011), 1/4; 593-607 doi:10.1007/s10661-010-1659-1
26. Krivokapić, Slađana; Pestorić, Branka; Bosak, Sunčica; Kušpilić, Grozdan; Wexels Riser, Christian
27. Trophic state of Boka Kotorska Bay (south-eastern Adriatic Sea). // *Fresenius environmental bulletin*, 20 (2011), 8; 1960-1969. (<https://www.bib.irb.hr/525934>) (međunarodna recenzija, članak, znanstveni)
28. Ljubešić, Zrinka; Bosak, Sunčica; Viličić, Damir; Kralj Borojević, Koraljka; Marić, Daniela; Godrijan, Jelena; Ujević, Ivana; Peharec, Petra; Đakovac, Tamara Ecology and taxonomy of potentially toxic *Pseudo-nitzschia* species in Lim Bay (north-eastern Adriatic Sea). // *Harmful algae*, 10 (2011), 6; 713-722 doi:10.1016/j.hal.2011.06.002
29. Hernández-Becerril, David; Viličić, Damir; Bosak, Sunčica; Đakovac, Tamara Morphology and ecology of the diatom *Chaetoceros vixvisibilis* (Chaetocerotales, Bacillariophyceae) from the Adriatic Sea. // *Journal of plankton research*, 32 (2010), 11; 1513-1525 doi:10.1093/plankt/fbq080
30. Viličić, Damir; Kuzmić, Milivoj; Bosak, Sunčica; Šilović, Tina; Hrustić, Enis; Burić, Zrinka Distribution of phytoplankton along the thermohaline gradient in the north-eastern Adriatic channel ; winter aspect. // *Oceanologia*, 51 (2009), 4; 495-513. (<https://www.bib.irb.hr/436952>)
31. Bosak, Sunčica; Burić, Zrinka; Đakovac, Tamara; Viličić, Damir Seasonal distribution of plankton diatoms in Lim Bay, northeastern Adriatic Sea. // *Acta botanica Croatica*, 68 (2009), 2; 351-365
32. Viličić, Damir; Đakovac, Tamara; Burić, Zrinka; Bosak, Sunčica Composition and annual cycle of phytoplankton assemblages in the northeastern Adriatic Sea. // *Botanica Marina*, 52 (2009), 4; 291-305 doi:10.1515/BOT.2009.004
33. Viličić, Damir; Bosak, Sunčica; Burić, Zrinka; Caput-Mihalić, Katarina Phytoplankton seasonality and composition along the coastal NE Adriatic Sea during the extremely low Po River discharge in 2006. // *Acta Botanica Croatica*, 66 (2007), 2; 101-115
34. Mucko, Maja; Bosak, Sunčica U Jadranskom moru otkriveno šest novih vrsta planktonskih dijatomeja. // *Glasnik Hrvatskog botaničkog društva*, 6 (2018), 2; 25-27. (<https://www.bib.irb.hr/981335>)
35. Mejdandžić, Maja; Bosak, Sunčica; Ljubešić, Zrinka Blue Diatoms: Global Phenomenon of "Greening" in Shellfish and Record of Planktonic *Haslea* Species in the South Adriatic Sea. // *Naše more : znanstveni časopis za more i pomorstvo*, 64 (2017), 1; 38-44 doi:10.17818/NM/2017/1.7

36. Mejdandžić, Maja; Bosak, Sunčica Otkrivena i opisana nova vrsta planktonske dijatomeje u Jadranskom moru. // Glasnik Hrvatskog botaničkog društva, 5 (2017), 1; 42-43. (<https://www.bib.irb.hr/869706>)
37. Bosak, Sunčica Tajne Plymoutha. // Priroda, 994 (2010), 10-15
38. Pikelj, Kristina; Bosak, Sunčica Albanija-zemlja bogata vodama. // Hrvatska Vodoprivreda, XVIII (2009), 190-191; 42-44
39. Bosak, Sunčica; Horvat, Lucija; Pestorić, Branka; Krivokapić Slađana Observations on Pseudonitzschia species in the Bay of Kotor, SE Adriatic Sea. // Rapport du Commission Internationale pour l' Exploration Scientifique de la Mer Mediterranee 39 Venecija, Italija, 2010. str. 721
40. Viličić, Damir; Ivančić, Ingrid; Bosak, Sunčica Toksični dinoflagelati u Limskom kanalu. // Zbornik radova 4. Hrvatske konferencije o vodama / Gereš, Dragutin (ur.). Zagreb: Hrvatske vode, 2007. str. 241-252
41. Bosak, Sunčica; Hrestak, Sonja; Burić, Zrinka; Caput-Mihalić, Katarina; Viličić, Damir; Terzić, Senka; Carić, Marina Raspodjela fitoplanktona u uvjetima limitiranosti dušikom u estuariju Zrmanje. // Zbornik radova 4. Hrvatske konferencije o vodama / Gereš, Dragutin (ur.). Zagreb: Hrvatske vode, 2007. str. 75-83)

Proceedings of Abstracts

1. Višić, Hrvoje; Filek, Klara; Mucko, Maja; Trotta, Adriana; Panagopoulou, Aiki; Lukač, Maja; Corrente, Marialaura; Di Bello, Antonio; Gračan, Romana; Bosak, Sunčica Metagenomic characterization of the surface biofilm on mediterranean loggerhead sea turtles. // Seventh European Phycological Congress Programme and Book of Abstracts / Bosak, Sunčica ; Ljubešić, Zrinka (ur.). Zagreb, Hrvatska: European Journal of Phycology, Taylor & Francis, 2019. str. 59-59 doi:10.1080/09670262.2019.1626627
2. Krzywda, Marta; Kaleli, Aydin; Solak, Cüneyt; Ljubešić, Zrinka; Bosak, Sunčica; Car, Ana, Witkowski, Andrzej Molecular phylogeny of diatoms associated with carapace biofilms of loggerhead turtle (Caretta caretta). Comparison of data from 2014 to 2018. // Seventh European Phycological Congress Programme and Book of Abstracts / Bosak, Sunčica ; Ljubešić, Zrinka (ur.). Zagreb: European Journal of Phycology, Taylor & Francis, 2019. str. 158-158 doi:10.1080/09670262.2019.1626628
3. Bosak, Sunčica; Majewska, Roksana; Filek, Klara; Van de Vijver, Bart New observations on some sea turtle associated Craspedostauros species. // Programme and Abstract Book, 12th Central European Diatom Meeting, Belvaux, Luxembourg, 26- 27 March 2019. / Ector, Luc ; Wetzel, Carlos E. ; Van de Vijver, Bart (ur.). Belvaux, Luxembourg: Luxembourg Institute of Science and Technology, 2019. str. 39-39
4. Filek, Klara; Kanjer, Lucija; Matek, Antonija; Trotta, Adriana; Majewska, Roksana; Ashworth, Matt P.; Van de Vijver, Bart; Bosak, Sunčica A polyphasic approach for identification of epibiotic diatoms associated with loggerhead sea turtles in Adriatic Sea. // The Molecular Life of Diatoms - Programme and Abstract Book / Mock, Thomas (ur.). Norwich, Ujedinjeno Kraljevstvo: EMBO Press, 2019. str. 105-105
5. Van de Vijver, Bart; Robert, Kaethe; Kociolek, J. Patrick; Chen, Changping; Bosak, Sunčica Four unknown epizoid diatom species found on loggerhead sea turtles in the Adriatic Sea. // 25th North American Diatom Symposium Eatonton, Georgia, USA, 2019. str. 54-54
6. Kanjer, Lucija; Filek, Klara; Matek, Antonija; Majewska, Roksana; Van de Vijver, Bart; Ashworth, Matt P.; Gračan, Romana; Lazar, Bojan; Bosak, Sunčica Diatom genus Poulinea as epibiont on Adriatic loggerhead sea turtles. // Sixth Croatian Botanical Symposium Book of Abstracts /

- Jasprica, Nenad ; Car, Ana (ur.). Zagreb: Hrvatsko Botaničko Društvo, 2019. str. 17-17 (predavanje, domaća recenzija, sažetak, znanstveni)
7. Robert, Kaethe; Bosak, Sunčica; Van de Vijver, Bart Discoveries of new diatom taxa associated with loggerhead sea turtles in the Adriatic Sea. // Seventh European Phycological Congress Programme and Book of Abstracts / Bosak, Sunčica ; Ljubešić, Zrinka (ur.). London: European Journal of Phycology, Taylor & Francis, 2019. str. 127-127 doi:10.1080/09670262.2019.1626628
 8. Ashworth, Matt P.; Frankovich, Thomas A.; Sullivan, Michael J.; Majewska, Roksana; Bosak, Sunčica; Van de Vijver, Bart; Arendt, Mike; Schwenter, Jeff; Stacy, Nicole I; Manning, Schonna R On the shoulders of giants: what epizoic diatoms are teaching us about diatom evolution. // Seventh European Phycological Congress Programme and Book of Abstracts / Bosak, Sunčica ; Ljubešić, Zrinka (ur.). London: European Journal of Phycology, Taylor & Francis, 2019. str. 76-76 doi:10.1080/09670262.2019.1626627
 9. Ashworth, Matt P.; Frankovich, Thomas A.; Sullivan, Michael J.; Majewska, Roksana; Bosak, Sunčica; Van de Vijver, Bart; Arendt, Mike; Schwenter, Jeff; Stacy, Nicole I; Manning, Schonna R On the shoulders of giants: what epizoic diatoms are teaching us about diatom evolution. // 25th North American Diatom Symposium Eatonton, Georgia, SAD, 2019. str. 10-10
 10. Trotta, Adriana; Corrente, Marialaura; Diakoudi, Georgia; Bosak, Sunčica; Ciccarelli, Stefano; Franchini, Delia; Marinaro, Mariarosaria; Buonavoglia, Domenico Sea turtles as sentinel species of the Mediterranean sea: Isolation of ESBL producing bacteria. // Abstract Book of the 1st International Conference of the European College of Veterinary Microbiology Atena, Grčka: European College of Veterinary Microbiology, 2019. str. 114-114 (poster, međunarodna recenzija, prosireni, znanstveni)
 11. Van de Vijver, Bart; Filek, Klara; Gračan, Romana; Mucko, Maja; Višić, Hrvoje; Robert, Käthe; Majewska, Roksana; Frankovich, Thomas A.; Ashworth, Matt P.; Bosak, Sunčica The TurtleBIOME project: insight into epizoic diatom communities on loggerhead sea turtles. // 24th Nordic Diatomist Meeting - Abstracts / Andren, Elinor ; Norback Ivarsson, Lena ; Risberg, Jan (ur.). Stockholm, Švedska: Stockholm University, 2019. str. 11-11
 12. Filek, Klara; Majewska, Roksana; Van de Vijver, Bart; Robert, Kathe; Mucko, Maja; Frankovich, Tom A; Ashworth, Matt P; Sullivan, Michael; Bosak, Sunčica Comparative analysis of the epibiotic diatom assemblage on loggerhead sea turtles in pre- and post-hospitalization period. // Seventh European Phycological Congress Programme and Book of Abstracts / Bosak, Sunčica ; Ljubešić , Zrinka (ur.). London: European Journal of Phycology, Taylor & Francis, 2019. str. 157-157 doi:10.1080/09670262.2019.1626628
 13. Bosak, Sunčica; Višić, Hrvoje; Filek, Klara; Robert, Kaethe; Van de Vijver, Bart; Trotta, Adriana; Panagopoulou, Alik; Majewska, Roksana DNA metabarcoding and morphological analyses of the diatom biofilm associated with loggerhead sea turtles in the Mediterranean Sea. // The Molecular Life of Diatoms - Programme and Abstract Book / Mock, Thomas (ur.). Norwich, Ujedinjeno Kraljevstvo: EMBO Press, 2019. str. 104-104
 14. Käthe, Robert; Bosak, Sunčica; Van de Vijver, Bart The epibiotic diatoms associated with loggerhead sea turtles in the Adriatic Sea. // Programme and Abstract Book, 12th Central European Diatom Meeting, Belvaux, Luxembourg, 26- 27 March 2019. / Ector, Luc ; Wetzel, Carlos E. ; Van de Vijver, Bart (ur.). Belvaux, Luxembourg: Luxembourg Institute of Science and Technology, 2019. str. 30-30
 15. Bosak, Sunčica; Gračan, Romana; Mucko, Maja; Višić, Hrvoje; Filek, Klara; Gobić Medica, Karin; Mičić, Milena; Lukač, Maja; Basu, Swaraj; Orlić, Sandi et al. Loggerhead sea turtle microbiome – TURTLEBIOME project: insight into endozoic and epizoic communities. // Book of Abstracts, 6th Mediterranean Conference on Marine Turtles / Lazar, Bojan ; Jančić, Matic (ur.). Zagreb: Croatian Natural History Museum, 2018. str. 152-152

16. Majewska, Roksana; Van de Vijver, Bart; Frankovich, Thomas A.; Ashworth, Matt P.; Sullivan, Michael; Bosak, Suncica Morphological variations in sea turtle-associated "gomphonemoid" diatoms. // Abstracts of the 25th International Diatom Symposium / Kusber, W.-H. ; Abarca, N. ; Van, A. L. ; Jahn, R (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie Universität Berlin, 2018. str. 105-105 doi:10.3372/ids2018
17. Mucko, Maja; Bosak, Sunčica; Mann, David G.; Trobajo, Rosa; Wetzel, Carlos; Peharec Štefanić, Petra; Ljubešić, Zrinka Novel clades of intriguing Nitzschia species from marine plankton. // Abstracts of the 25th International Diatom Symposium / Kusber, Wolf-Henning ; Abarca, Nelida ; Van, Anh Lina ; Jahn, Regine (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie universitat Berlin, 2018. str. 118-118 doi:10.3372/ids2018
18. Bosak, Sunčica; Lazar, Bojan; Gračan, Romana; Kanjer, Lucija; Van de Vijver, Bart; Majewska, Roksana Epizoic diatoms associated with the neck skin of adriatic loggerhead seaturtle. // Book of Abstracts, 6th Mediterranean Conference on Marine Turtles / Lazar, Bojan ; Jančić, Matic (ur.). Zagreb: Croatian Natural History Museum, 2018. str. 76-76
19. Van de Vijver, Bart; Bosak, Suncica A new epizoic Olifantiella species found on loggerhead sea turtles. // Abstracts of the 25th International Diatom Symposium / Kusber, W.-H. ; Abarca, N. ; Van, A. L. ; Jahn, R (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie Universität Berlin, 2018. str. 177-177 doi:10.3372/ids2018
20. Žutinić, Petar; Orlić, Sandi , Pjevac, Petra; Plenković-Moraj, Anđelka; Kralj Borojević, Koraljka; Ljubešić, Zrinka; Bosak, Sunčica; Šimunović, Maja; Stanković, Igor; Stević, Filip; Špoljarić Maronić, Dubravka et al. Bacterial-phytoplankton interface in natural lake ecosystems. // ABC of Physics of Life: Book of abstracts / Delač Marion, Ida ; Vuletić, Tomislav (ur.). Split: Ruđer Bošković Institute & Croatian Biophysical Society, 2018. str. 130-131
21. Mucko, Maja; Bosak, Sunčica; Babić, Ivana; Ljubešić, Zrinka Picoplankton in the South Adriatic Sea: glimpse of winter diversity in oligotrophic ecosystem. // Knjiga sažetaka Simpozija studenata doktorskih studija PMF-a / Bucković, D. ; Drmač, Z. ; Juračić, M. ; Leljak Levanić, D. ; Kumerički, K. ; Primožič, I. ; Stiperski, Z. (ur.). Zagreb: Prirodoslovno - matematički fakultet Sveučilišta u Zagrebu, 2018. str. 15-15
22. Krzywda, Marta; Kaleli, Aydın; Solak, Cüneyt; Bosak, Suncica; Car, Ana; Jasprica, Nenad; Witkowski, Andrzej The influence of sea turtles on the biogeography of marine diatoms based on a case study from the Mediterranean coasts. // Abstracts of the 25th International Diatom Symposium / Kusber, W.-H. ; Abarca, N. ; Van, A. L. ; Jahn, R (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie Universität Berlin, 2018. str. 88-88 doi:10.3372/ids2018
23. Bosak, Sunčica; Majewska, Roksana; Frankovich, Thomas A.; Ashworth, Matt P.; Van de Vijver, Bart New Proschkinia species associated with sea turtles. // Abstracts of the 25th International Diatom Symposium / Kusber, W.-H. ; Abarca, N. ; Van, A. L. ; Jahn, R (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie Universität Berlin, 2018. str. 23-23 doi:10.3372/ids2018
24. Mucko, Maja; Bosak, Sunčica; Nakov, Teofil; Ruck, Elizabeth; Gligora Udovič, Marija; Ljubešić, Zrinka "Planktonic lifestyle lovers": a story of eight new marine Entomoneis species. // Abstracts of the 25th International Diatom Symposium / Kusber, Wolf-Henning ; Abarca, Nelida ; Van, Anh Lina ; Jahn, Regine (ur.). Berlin: Botanic Garden and Botanical Museum Berlin, Freie universitat Berlin, 2018. str. 119-119 doi:10.3372/ids2018 (predavanje, međunarodna recenzija, sažetak, ostalo)
25. Neeley, Aimee Renee; Cetinić, Ivona; Ljubešić, Zrinka; Bosak, Sunčica, Werde, Jeremy Application of Multivariate Statistical Techniques to Relate Phytoplankton Optical Signatures and Taxonomy. // Ocean Science Meeting Portland, Oregon, USA, 2018.
26. Čizmek, Hrvoje; Čolić, Barbara; Mucko, Maja; Bosak, Sunčica; Babić, Ivana; Barešić, Ana; Mihanović, Hrvoje; Vilibić, Ivica; Petrić, Ines; Cetinić, Ivona et al. The base of the food web and its

- key players: case study of the oligotrophic southern Adriatic Sea. // Ocean Optics XXIV conference Dubrovnik, Hrvatska, 2018.
27. Višić, Hrvoje; Ljubešić, Zrinka; Bosak, Sunčica; Neeley, Aimee Renee; Durkin, Colleen A.; Estapa, Margaret L.; Omand, Melissa M.; Mucko, Maja; Barešić, Ana; Karwowska, Zuzanna; Cetinić, Ivona Multilayer approach to plankton analyses in contrasting trophic systems of North Pacific. // Ocean Optics XXIV conference Dubrovnik, Hrvatska, 2018. 249, 1
 28. Ljubešić, Zrinka; Bosak, Sunčica; Šupraha, Luka; Neeley, Aimee Renee; Durkin, Colleen, A.; Estapa, Margaret, L.; Omand, Melissa, M.; Mejdandžić, Maja; Barešić, Ana; Karwowska, Zuzanna et al. In Depth Analyses of Phytoplankton Community in Northern Pacific During the Sea2Space Particle Investigation. // Ocean Sciences Meeting Portland, Oregon, USA, 2018.
 29. Durkin, Colleen; Estapa, Margaret; Omand, Melissa; Ljubešić, Zrinka; Bosak, Sunčica; Carlson, Kirsten; Cetinić, Ivona Linking surface phytoplankton with sinking particles. // Ocean Carbon and Biogeochemistry (OCB) Summer Workshop, Poster Abstracts Massachusetts, SAD, 2017. str. 22-22
 30. Walcutt, Noah; Omand, Melissa; Knörlein, Benjamin; Sgouros, Tom; Cetinić, Ivona; Neeley, Aimee; Ljubešić, Zrinka; Bosak, Sunčica Assessment of holographic microscopy for quantifying marine particles. // Ocean Carbon and Biogeochemistry (OCB) Summer Workshop, Poster abstracts Massachusetts, SAD, 2017. str. 49-50
 31. Lučić, Davor; Ljubešić, Zrinka; Babić, Ivana; Bosak, Sunčica; Cetinić, Ivona; Vilibić, Ivica; Mihanović, Hrvoje; Hure, Marijana; Njire, Jakica; Lučić, Petra; Kružić, Petar Unusual zooplankton bloom in the open southern Adriatic Sea. // 52 European Marine Biology Symposium Piran, 2017. str. 160-160
 32. Bosak, Sunčica; Mejdandžić, Maja; Kavre Piltaver, Ivona; Petravić, Mladen; Gligora Udovič, Marija; Ljubešić, Zrinka Diversity of pennate diatoms in the plankton of the southern Adriatic Sea. // Abstracts of the 23rd Nordic Diatomists' Meeting 2017 / Puuseep, Liisa (ur.). Tallin: Tallinna Ulrikool, 2017. str. 35-36
 33. Bosak, Sunčica; Ljubešić, Zrinka; Šupraha, Luka; Neeley, Aimee; Durkin, Colleen; Estapa, Meg; Omand, Melissa; Carlson, Kirsten; Cetinić, Ivona Phytoplankton species composition contributing to carbon export - Sea to Space particle investigation. // Abstracts of Papers to be Presented at the 11th International Phycological Congress / Garbary, David J. ; Bąk, Małgorzata ; Dąbek, Przemysław ; Witkowski, Andrzej (ur.). Szczecin, Poland: International Phycological Society, 2017. str. 23-24
 34. Babić, Ivana; Mejdandžić, Maja; Sviličić Petrić, Ines; Bosak, Sunčica; Mihanović, Hrvoje; Vilibić, Ivica; Dupčić Radić, Iris; Cetinić, Ivona; Ljubešić, Zrinka Uncovering marine bacterial diversity in the southern Adriatic Sea: from surface to seabed. // Symposium on Aquatic Microbial Ecology Abstract Book / SAME15 / Gligora Udovič, Marija ; Orlić, Sandi ; Šolić, Mladen (ur.). Zagreb: Ruđer Bošković Institute, 2017. str. 155-155
 35. Žutinić, Petar; Orlić, Sandi; Pjevac, Petra; Plenković-Moraj, Anđelka; Kralj Borojević, Koraljka; Ljubešić, Zrinka; Bosak, Sunčica; Šimunović, Maja; Stanković, Igor; Stević, Filip et al. Bacterial-phytoplankton interface in natural lake ecosystems. // BOOK OF ABSTRACTS OF THE 18th WORKSHOP OF THE INTERNATIONAL ASSOCIATION OF PHYTOPLANKTON TAXONOMY AND ECOLOGY (IAP) Natal, 2017. str. 8-8. (<https://www.bib.irb.hr/891208>)
 36. Ljubešić, Zrinka; Bosak, Sunčica; Mejdandžić, Maja; Babić, Ivana; Mihanović, Hrvoje; Vilibić, Ivica; Cetinić Ivona Phytoplankton community responding to a changing environment ; case study: southern Adriatic. // Abstracts of Papers to be Presented at the 11th International Phycological Congress / Garbary, David J. ; Bąk, Małgorzata ; Dąbek, Przemysław ; Witkowski, Andrzej (ur.). Szczecin: International Phycological Society, 2017. str. 120-120 (poster, međunarodna recenzija, sažetak, ostalo)

37. Bosak, Sunčica; Balestra, Cecilia; Casotti, Raffaella; Mihanović, Hrvoje; Ljubešić, Zrinka
Picoplankton community structure in the southeastern Adriatic Sea. // Symposium on Aquatic
Microbial Ecology Abstract Book / SAME15 / Gligora Udovič, Marija ; Orlić, Sandi ; Šolić, Mladen
(ur.). Zagreb: Ruđer Bošković Institute, 2017. str. 121-121
38. Ljubešić, Zrinka; Bosak, Sunčica; Mejdandžić, Maja; Babić, Ivana; Barešić, Ana; Mihanović, Hrvoje;
Vilibić, Ivica; Petrić, Ines; Cetinić, Ivona; Hure, Marijana et al. Suggesting bio-indicators of Adriatic
Water masses and methods of their detection. // Abstracts of 15th Panhellenic Scientific
Conference, Hellenic Botanical Society / Doussi, Maria ; Thanos, Chostas (ur.). Chania, 2017. str.
64-64 (predavanje, sažetak, znanstveni)
39. Gligora Udovič, Marija; Žutinić, Petar; Šimunović, Maja; Cvetkoska, Aleksandra; Bosak, Sunčica;
Stanković, Igor; Špoljarić, Igor; Mršić, Gordana; Kralj Borojević, Koraljka; Goreta, Gordana;
Plenković-Moraj, Anđelka Pantocsekiella ocellata indikatorska vrsta dobrog ekološkog stanja
voda. // Knjiga sažetaka (2. Simpozij o biologiji slatkih voda) / Gračan, Romana ; Matonićkin
Kepčija, Renata ; Miliša, Marko ; Ostojić, Ana (ur.). Zagreb: Hrvatsko udruženje slatkovodnih
ekologa, 2017. str. 13-13. (<https://www.bib.irb.hr/897131>)
40. Mejdandžić, Maja; Bosak, Sunčica; Orlić, Sandi; Gligora Udovič, Marija; Peharec Štefanić, Petra;
Špoljarić, Igor; Mršić, Gordana; Ljubešić, Zrinka Hidden diversity of planktonic Entomoneis species.
// Program & Abstracts, 11th Central European Diatom meeting / Kopalová, Kateřina ; Bishop,
Jordan M. ; Van de Vijver, Bart (ur.). Prague, Czech Republic: Charles University in Prague, 2017,
2017. str. 94-94
41. Bosak, Sunčica; Mejdandžić, Maja; Wetzel, Carlos E.; Peharec Štefanić, Petra; Ljubešić, Zrinka
Observations of planktonic Nitzschia and Navicula from the South Adriatic Sea. // Program &
Abstracts, 11th Central European Diatom meeting / Kopalová, Kateřina ; Bishop, Jordan M. ; Van
de Vijver, Bart (ur.). Prague, Czech Republic: Charles University in Prague, 2017. str. 69-69
42. Medić, Nikola; Ljubešić, Zrinka; Novak, Tihana; Bosak, Sunčica; Gašparović, Blaženka Sastav lipida
novoizoliranog soja pikoeukariota Picochlorum sp. PMFPPE4 u standardnom i fosfor-
limitirajućem mediju. // Zbornik skupa SiSB2 / Banić, E. ; Vučinić, K. - Zagreb, 2017 Zagreb,
Hrvatska, 2017. str. 34-34
43. Bošnjak, Ivana; Petrić, Ines; Cetinić, Ivona; Bosak, Sunčica; Mejdandžić, Maja; Kružić, Petar;
Mihanović, Hrvoje; Miloslavić, Marijana; Davor Lučić, Davor; Ljubešić, Zrinka Ocean optics meets
taxonomy: case study in southern Adriatic pit.. // Abstracts of papers presented at the EMBO |
EMBL Symposium: A New Age of Discovery for Aquatic Microeukaryotes / Nürnberger, Tim (ur.).
Heidelberg, Germany: Mera Druck GmbH, Sandhausen, Germany, 2016.
44. Mejdandžić, Maja; Bosak, Sunčica; Orlić, Sandi; Ljubešić, Zrinka A new marine planktonic
Entomoneis species from the Adriatic Sea. // 10th Central European Diatom Meeting Abstract
and Program Book / Acs, Eva ; Buczko, Kristina (ur.). Budapest, 2016. str. 18-19
45. Bošnjak, Ivana; Petrić, Ines; Bosak, Sunčica; Mihanović, Hrvoje; Dupčić Radić, Iris; Ljubešić, Zrinka
Smallest photosynthetic prokaryote of global importance: what do we know about
Prochlorococcus diversity in the Adriatic sea?. // Book of Abstracts of 6th Croatian Congress of
Microbiology / Antolović, Robert (ur.). Zagreb: Croatian Microbiological Society, 2016. str. 40-40
46. Mejdandžić, Maja; Bosak, Sunčica; Gligora Udovič, Marija; Peharec Štefanić, Petra; Kružić, Petar;
Špoljarić, Igor; Mršić, Gordana; Orlić, Sandi; Ljubešić, Zrinka Entomoneis species in the Adriatic
Sea. // 5. hrvatski botanički simpozij s međunarodnim sudjelovanjem : knjiga sažetaka = 5th
Croatian Botanical Symposium with International Participation : Book of Abstracts / Rešetnik,
Ivana ; Ljubešić, Zrinka (ur.). Zagreb: Hrvatsko botaničko društvo, 2016. str. 12-13
47. Raos, Petra; Bosak, Sunčica; Mejdandžić, Maja; Ljubešić, Zrinka Raznolikost mikrofitoplanktona
zimi u južnom Jadranu. // 5. Hrvatski botanički simpozij, Knjiga sažetaka / Rešetnik, I ; Ljubešić, Z.
(ur.). Zagreb: Hrvatsko botaničko društvo, 2016. str. 83-84

48. Bošnjak, Ivana; Bosak, Sunčica; Petrić, Ines; Mihanović, Hrvoje; Ljubešić, Zrinka Distribution of Prochlorococcus and Synechococcus ecotypes in the southern Adriatic Sea. // 5th Croatian Botanical Symposium - Book of abstracts / Rešetnik, Ivana ; Ljubešić, Zrinka (ur.). Zagreb, 2016. str. 13-14
49. Vugrin, Mirta; Mejdandžić, Maja; Bosak, Sunčica; Mihanović, Hrvoje; Dupčić-Radić, Iris; Godrijan, Jelena; Orlić, Sandi; Ljubešić, Zrinka Taxonomy and spatial distribution of coccolithophors in the south Adriatic: winter aspect. // 5th Croatian Botanical Symposium - Book of abstracts / Rešetnik, Ivana ; Ljubešić, Zrinka (ur.). Zagreb: Hrvatsko botaničko društvo, 2016. str. 15-16
50. Marijeta Čalić; Stijepo Ljubimir; Sunčica Bosak UNUSUAL OCCURENCE OF TROPICAL PLANKTONIC DIATOM SPECIES OF THE GENUS Chaetoceros IN THE SOUTH ADRIATIC SEA. // Zbornik sažetaka (Hrvatski simpozij o invazivnim vrstama s međunarodnim sudjelovanjem) / Sven D. Jelaska (ur.). Zagreb: Hrvatsko ekološko društvo Croatian Ecological Society Rooseveltov trg 6, HR-10000 Zagreb, Hrvatska, 2016. str. 53-53
51. Mejdandžić, Maja; Orlić, Sandi; Bosak, Sunčica; Bošnjak, Ivana; Cetinić, Ivona; Peharec Štefanić, Petra; Sesar, Tihana; Gašparović, Blaženka; Ljubešić, Zrinka Characterization of photosynthetic picoeukaryotes from the Southern Adriatic Pit. // Abstracts of papers presented at the EMBO | EMBL Symposium: A New Age of Discovery for Aquatic Microeukaryotes / Nürnberger, Tim (ur.). Heidelberg, Germany: Mera Druck GmbH, Sandhausen, Germany, 2016. str. 170-170
52. Bosak, Sunčica; Mejdandžić, Maja; Bošnjak, Ivana; Godrijan, Jelena; Ljubešić, Zrinka Taxonomy and spatial distribution of phytoplankton in the south Adriatic ; winter aspect. // Book of abstracts of the 12th Croatian Biological Congress / Klobučar, G. ; Kopjar, N., Gligora Udovič, M., Lukša, Ž. ; Jelić, D. (ur.). Zagreb: Hrvatsko biološko društvo, 2015. str. 83-84
53. Mejdandžić, Maja; Mihanović, Hrvoje; Šilović, Tina; Henderiks, Jorijntje; Šupraha, Luka; Polović, Dorotea; Bosak, Sunčica; Bošnjak, Ivana; Cetinić, Ivona; Olujić, Goran; Ljubešić, Zrinka Biomarker pigment divinyl chlorophyll a as a tracer of water masses?. // Posters, European Journal of Phycology, 50:sup1 London, Velika Britanija, 2015. str. 162-163
54. Bošnjak, Ivana; Mihanović, Hrvoje; Cetinić, Ivona; Kružić, Petar; Bosak, Sunčica; Mejdandžić, Maja; Ljubešić, Zrinka Spatial distribution of biooptical and thermohaline characteristics in NW part of Southern Adriatic pit. // Book of abstracts of the 12th Croatian Biological Congress / Klobučar, G. ; Kopjar, N., Gligora Udovič, M., Lukša, Ž. ; Jelić, D. (ur.). Zagreb: Hrvatsko biološko društvo, 2015. str. 94-96
55. Bosak, Sunčica; Šupraha, Luka; Nanjappa, Deepak; Kooistra, Wiebe; D. Sarno Morphology and phylogeny of the genus Bacteriastrum (Bacillariophyta) in the Adriatic Sea. // Book of abstracts of the 12th Croatian Biological Congress / Klobučar, G. ; Kopjar, N., Gligora Udovič, M., Lukša, Ž. ; Jelić, D. (ur.). Zagreb: Hrvatsko biološko društvo, 2015. str. 201-202
56. Ljubešić, Zrinka; Bosak, Sunčica; Bošnjak, Ivana; Mejdandžić, Maja; Mikac, Iva; Cetinić, Ivona Patchy distribution of phytoplankton pigments in South Adriatic oligotrophic environment - winter 2015. // Book of abstracts - 6th Balkan Botanical Congress / Bogdanović, S. ; Jogan, N. (ur.). Zagreb: Hrvatsko botaničko društvo, 2015. str. 86-86
57. Bosak, Sunčica; Gligora-Udovič, Marija; Sarno, Diana The morphological study of Chaetoceros wighamii Brightwell (Bacillariophyceae) from lake Vrana, Croatia. // Abstract book of the 8th Central European Diatom Meeting / Ljubešić, Zrinka ; Godrijan, Jelena ; Marić Pfannkuchen, Daniela (ur.). Zagreb: Croatian Botanical Society, 2014. str. 15-15
58. Polović, Dorotea, Ljubešić, Zrinka; Marić Pfannkuchen, Daniela; Godrijan, Jelena; Pfannkuchen, Martin; Bosak, Sunčica; Viličić, Damir Potentially toxic diatom genus Pseudo-nitzschia in the eastern Adriatic sea. // Abstract book of the 8th Central European Diatom Meeting / Ljubešić, Zrinka, Godrijan, Jelena & Marić Pfannkuchen, Daniela (ur.). Zagreb: Croatian Botanical Society, 2014. str. 50-50 (poster, sažetak, ostalo)

59. Bosak, Sunčica; Sarno, Diana; Viličić, Damir Morfologija i taksonomija planktonskih dijatomeja roda *Chaetoceros* Ehrenberg (Bacillariophyta) u Jadranskom moru. // 4. hrvatski botanički simpozij s međunarodnim sudjelovanjem, Split 2013, Knjiga sažetaka / Alegro, Antun ; Boršić, Igor (ur.). Split, 2013. str. 35-36
60. Bosak, Sunčica; Ljubešić, Zrinka; Viličić, Damir SEM examination of fine structure of *Meringosphaera mediterranea*, a microalga of enigmatic taxonomic position. // Croatian Microscopy Symposium Book of Abstracts / Gajović, Andreja ; Tomašić, Nenad (ur.). Zagreb: Hrvatsko mikroskopijsko društvo, 2012. str. 42-43 (poster, domaća recenzija, sažetak, znanstveni)
61. Bosak, Sunčica; Sarno, Diana Biodiversity of marine diatoms: morphological and molecular characterization. // ASSEMBLE CONFERENCE Access to Marine Resources Generating Knowledge for Science and Society Programme and Abstract Book Olhao, Portugal, 2012. str. 16-17 (pozvano predavanje, međunarodna recenzija, sažetak, znanstveni)
62. Bosak, Sunčica; Pletikapić, Galja; Hozić, Amela; Svetličić, Vesna; Sarno, Diana; Viličić, Damir A novel type of colony formation in marine planktonic diatoms revealed by atomic force microscopy. // Abstracts of Twentysecond International Diatom Symposium / Sabbe Koen, Van de Vijver Bart & Vyverman Wim (ur.). Ghent: VLIZ Special Publication 58, 2012. str. 135-135
63. Bosak, Sunčica; Sarno, Diana; Šupraha, Luka; Nanjappa, Deepak; Kooistra, Wiebe; Viličić, Damir Morphology and taxonomy of four species of the marine planktonic diatom genus *Bacteriastrum* (Bacillariophyta) from the Adriatic Sea. // Abstracts of Twentysecond International Diatom Symposium / Sabbe Koen, Van de Vijver Bart & Vyverman Wim (ur.). Ghent: VLIZ Special Publication 58, 2012. str. 29-29
64. Ljubešić, Zrinka; Cetinić, Ivona; Bosak, Sunčica; Viličić, Damir; Jones, Burt; Olujić, Goran; Carić, Marina; Marini, Mauro Phytoplankton biodiversity in the Adriatic deep chlorophyll maxima. // 46th European Marine Biology Symposium : Book of Abstracts / Travizi, Ana ; Iveša, Ljiljana ; Fafandžel, Maja (ur.). Rovinj, 2011. str. 36-36. (<https://www.bib.irb.hr/526264>)
65. Bosak, Sunčica; Godrijan, Jelena; Šilović, Tina; Viličić, Damir Seasonal dynamics of potentially harmful microalgae in the coastal area of Rovinj, NE Adriatic Sea. // 46th European Marine Biology Symposium Book of Abstracts / Travizi, Ana ; Iveša, Ljiljana ; Fafandžel, Maja (ur.). Rovinj, 2011. str. 11-11
66. Godrijan, Jelena; Bosak, Sunčica; Šilović, Tina; Marić, Daniela; Pfannkuchen, Martin; Precali, Robert Phytoplankton community dynamics in the coastal north-eastern Adriatic Sea. // 46th European Marine Biology Symposium Book of Abstracts / Travizi, Ana ; Iveša, Ljiljana ; Fafandžel, Maja (ur.). Rovinj, 2011. str. 27-27 (predavanje, međunarodna recenzija, sažetak, ostalo)
67. Bosak, Sunčica; Šilović, Tina; Viličić, Damir Seasonal variability of size fractionated phytoplankton biomass: a comparative study in two eastern Adriatic Sea coastal systems. // Book of Abstracts of Third Croatian Botanical Congress / Jasprica, N. ; Pandža, M. ; Milović, M. (ur.). Murter: Hrvatsko botaničko društvo, 2010. str. 48-49
68. Bosak, Sunčica; Omanović, Dario; Dautović, Jelena; Mihanović, Hrvoje; Olujić, Goran; Šupraha, Luka; Ahel, Marijan; Viličić, Damir Distribution of phytoplankton, organic matter and trace metals in the Krka river estuary. // 3. hrvatski botanički kongres s međunarodnim sudjelovanjem : Knjiga sažetaka = 3rd Croatian Botanical Congress with International Participation : Book of Abstracts / Jasprica, Nenad. ; Pandža, Marija. ; Milović, Milenko (ur.). Zagreb: Hrvatsko botaničko društvo, 2010. str. 46-47
69. Thompson, Eric; Bouquet, Jean-Marie; Dupont, Sam; Lobon, Carla; Novac, Aliona; Nejtgaard, Jens Christian; Bosak, Sunčica; Isla, Alejandro; Dutz, Jorg; Romanova, Nadja et al. Effects of ocean acidification and temperature increase on planktonic, tunicate, Oikopleura, population dynamics at laboratory and mesocosm scales. // 2010 ASLO/NABS Joint Summer Meeting - Aquatic

- sciences: global changes from the center to the edge, Abstract Book Santa Fe, New Mexico, SAD, 2010. str. 70-71 (predavanje, međunarodna recenzija, sažetak, ostalo)
70. Bosak, Sunčica; Šilović, Tina; Horvat, Lucija; Viličić, Damir Taxonomical study of phytoplankton in the Bay of Kotor, SE Adriatic Sea. // Final Conference of the Project Marine science and coastal management in the Adriatic region, Western Balkans / Čosović, Božena ; Mikac, Nevenka (ur.). Zagreb: Institut Ruđer Bošković, 2010. str. 13-13
71. Viličić, Damir; Šilović, Tina; Kuzmić, Milivoj; Mihanović, Hrvoje; Bosak, Sunčica; Tomažić, Igor; Olujčić, Goran Plankton distribution and hydrography above the Albanian shelf and continental slope, May 2009 aspect. Challenge for future research. // Final Conference of the Project Marine science and coastal management in the Adriatic region, Western Balkans / Čosović, Božena ; Mikac, Nevenka (ur.). Zagreb: Institut Ruđer Bošković, Zagreb, 2010. str. 2-2
72. Godrić, Jelena; Marić, Daniela; Pfannkuchen, Martin; Bosak, Sunčica; Đakovac, Tamara; Degobbis, Danilo; Precali, Robert Opažanja kokolitoforida u obalnom području sjevernog Jadranskog mora. // Zbornik sažetaka 10. Hrvatskog biološkog kongresa / Besendorfer, Višnja ; Kopjar, Nevenka ; Vidaković-Cifrek, Željka ; Tkalec, Mirta ; Bauer, Nataša ; Lukša, Žaklin (ur.). Zagreb: Hrvatsko biološko društvo 1885, 2009. str. 218-219
73. Bosak, Sunčica; Šilović, Tina; Burić, Zrinka; Đakovac, Tamara; Viličić, Damir Fitoplankton u Limskom kanalu (Sjeverni Jadran): taksonomija i ekologija. // Zbornik sažetaka 10. Hrvatskog biološkog kongresa / Besendorfer, Višnja ; Kopjar, Nevenka ; Vidaković-Cifrek, Željka ; Tkalec, Mirta ; Bauer, Nataša ; Lukša, Žaklin (ur.). Osijek: Hrvatsko biološko društvo 1885, 2009. str. 114-115
74. Šupraha, Luka; Bosak, Sunčica; Burić, Zrinka; Olujčić, Goran; Horvat, Lucija; Viličić, Damir Jesenski sastav fitoplanktona u Velebitskom i Paškom kanalu (Jadransko more). // Zbornik sažetaka 10. Hrvatskog biološkog kongresa / Besendorfer, Višnja ; Kopjar, Nevenka ; Vidaković-Cifrek, Željka ; Tkalec, Mirta ; Bauer, Nataša ; Lukša, Žaklin (ur.). Osijek: Hrvatsko biološko društvo 1885, 2009. str. 122-123
75. Šilović, Tina; Bosak, Sunčica; Jakšić, Željko; Fuks, Dragica Pico- and nano autotrophic community in the Lim bay (NE Adriatic Sea). // SAME11-2009 Abstract book / Turk, Valentina & Turk, Samo (ur.). Piran, Slovenia, 2009. str. 48-48
76. Šupraha, Luka; Bosak, Sunčica; Burić, Zrinka; Olujčić, Goran; Viličić, Damir New species of Bacteriastrum (Chaetocerotaceae, Bacillariophyta) in the Adriatic Sea?. // Diatom Taxonomy in the 21st Century, Programme and Abstracts, Scripta Botanica Belgica 45 / Van de Vijver B., Cocquyt C. (ur.). Meise, Belgija: National Botanic Garden of Belgium, 2009. str. 61-61
77. Burić, Zrinka; Bosak, Sunčica; Viličić, Damir; Kralj, Koraljka; Marić, Daniela; Peharec, Petra; Đakovac, Tamara Ecology and taxonomy of Pseudo-nitzschia in Lim Bay (northeastern Adriatic Sea). // Diatom Taxonomy in the 21st Century, Programme and Abstracts, Scripta Botanica Belgica 45 / Van de Vijver B., Cocquyt C. (ur.). Meise, Belgija: National Botanic Garden of Belgium, Meise, 2009. str. 23-23
78. Bosak, Sunčica; Šilović, Tina; Krivokapić, Slađana; Kušpilić, Grozdan; Wexels Riser, Christian; Horvat, Lucija; Viličić, Damir Phytoplankton composition in relation to physico-chemical drivers in the Bay of Kotor, SE Adriatic Sea. // Abstracts of papers to be presented at the 9th International Phycological Congress Tokyo, Japan 2-8 August 2009. Phycologia. 48(4 Suppl S):1, 2009 Jul. / Millar, Alan J.K. ; Ishida, Ken-ichiro ; Nozaki, Hisayoshi ; Miyashita, Hideaki ; Horiguchi, Takeo ; Kawai, Hiroshi (ur.). Tokyo, Japan: International Phycological Society, 2009. str. 11-12
79. Godrić, Jelena; Burić, Zrinka; Marić, Daniela; Bosak, Sunčica; Peharec, Petra; Đakovac, Tamara Pseudo-nitzschia and Chaetoceros bloom in the coastal waters of Istrian peninsula, Northern

- Adriatic Sea. // 20th International Diatom Symposium Abstract Book / Jasprica Nenad, Car Ana, Čalić Marijeta (ur.). Dubrovnik: Sveučilište u Dubrovniku, 2008. str. 137-137
80. Marić, Daniela; Burić, Zrinka; Godrijan, Jelena; Bosak, Sunčica; Đakovac, Tamara; Peharec, Petra The occurrence of potentially toxic Pseudo-nitzschia calliantha in the costal waters of the Northern Adriatic Sea. // 20th International Diatom Symposium Abstract Book / Jasprica Nenad, Car Ana, Čalić Marijeta (ur.). Dubrovnik: Sveučilište u Dubrovniku, 2008. str. 182-182
81. Bosak, Sunčica; Burić, Zrinka; Đakovac, Tamara; Viličić, Damir Marine planktonic diatoms in the Lim Bay (NE Adriatic Sea). // 20th International Diatom Symposium Abstract Book / Jasprica Nenad, Car Ana, Čalić Marijeta (ur.). Dubrovnik: Sveučilište u Dubrovniku, 2008. str. 112-112
82. Burić, Zrinka; Bosak, Sunčica; Marić, Daniela; Godrijan, Jelena; Viličić, Damir; Kralj, Koraljka; Peharec, Petra Taxonomical study of Pseudo-nitzschia species in the eastern Adriatic Sea. // 20th International Diatom Symposium, Abstract Book / Jasprica Nenad, Car Ana, Čalić Marijeta (ur.). Dubrovnik: Sveučilište u Dubrovniku, 2008. str. 115-115
83. Bosak, Sunčica; Burić, Zrinka; Viličić, Damir Temporal distribution of phytoplankton at one station in the Northern Adriatic Sea. // Book of abstracts of the Chapman Conference on Long Time-Series Observations in Coastal Ecosystems : Comparative Analyses of Phytoplankton Dynamics on Regional to Global Scales Rovinj, Hrvatska, 2007. str. 23-24
84. Bosak, Sunčica; Viličić, Damir; Đakovac, Tamara Prostorna i vremenska raspodjela fitoplanktona u Limskom kanalu (sjeverni Jadran). // Zbornik sažetaka 2. hrvatskog botaničkog kongresa s međunarodnim sudjelovanjem / Britvec, Mihaela ; Škvorc, Željko (ur.). Zagreb: Hrvatsko botaničko društvo, 2007. str. 149-150 (poster, sažetak, znanstveni)
85. Bosak, Sunčica; Grgić, Miriam; Viljetić, Barbara; Fulgosi, Hrvoje Uloga rodanaze cijanobakterije Synechocystis sp. PCC 6803 u uvjetima nedostatka sumpora. // Zbornik sažetaka 9. hrvatskog biološkog kongresa s međunarodnim sudjelovanjem / Besendorfer, Višnja ; Klobučar, Goran I. V. (ur.). Zagreb: Hrvatsko biološko društvo 1885, 2006. str. 178-180
86. Fulgosi, Hrvoje; Jurić, Snježana; Hazler-Pilepić, Kroata; Bionda, Tihana; Bosak, Sunčica TROL - from sulfur metabolism to a regulatory function in oxygenic photosynthesis?. // FEBS Advanced Course on Origin and Evolution of Mitochondria and Chloroplasts - Book of Abstracts / Vohtknecht, Ute ; Soll, Juergen ; Maier, Uwe (ur.). Muenchen, 2005.
87. Fulgosi, Hrvoje; Jurić, Snježana; Bosak, Sunčica; Bionda, Tihana; Hazler-Pilepić, Kroata Dissecting chloroplast regulatory pathways. // Final programme and book of abstracts of the Second congress of croatian geneticists / Franekić Čolić, Jasna ; Ugarković, Đurđica (ur.). Zagreb, 2005.

88. Proceedings

89. Bosak, Sunčica; Bošnjak, Ivana; Cetinić, Ivona; Mejdandžić, Maja; Ljubešić, Zrinka Diatom community in the depths of the South Adriatic: an injection of carbon by biological pump. // Rapp. Comm. int. Mer Médit. 41 Kiel, Njemačka, 2016. str. 274-274.
90. Bošnjak, Ivana; Petrić, Ines; Cetinić, Ivona; Bosak, Sunčica; Mejdandžić, Maja; Ljubešić, Zrinka In depth characterization of marine cyanobacteria community: targeting of Prochlorococcus ecotypes. // Rapp. Comm. int. Mer Médit. 41 Kiel, Njemačka, 2016. str. 275-275
91. Ljubešić, Zrinka; Mejdandžić, Maja; Bošnjak, Ivana; Bosak, Sunčica Comparing methods in picoplankton abundance estimation. // Rapp. Comm. int. Mer Médit. 41 Kiel, Njemačka, 2016. str. 278-278
92. Viličić, Damir; Ivančić, Ingrid; Bosak, Sunčica Sezonska raspodjela i ekološki značaj kriptofita u Riječkom zaljevu i u Vinodolskom kanalu. // Prirodoslovna istraživanja Riječkog područja 2 / Milvana Arco-Pijevac (ur.). Rijeka: Prirodoslovni muzej Rijeka, 2012. str. 205-216. (<https://www.bib.irb.hr/601266>)

93. Krivokapić, Sladjana; Pestorić, Branka; Bosak Sunčica; Kušpilić, Grozdan Trophic condition in the Boka Kotorska Bay. // Rapport du Commission Internationale pour l' Exploration Scientifique de la Mer Mediterranee 39 Venecija, Italija, 2010. str. 767-767