

13th INTERNATIONAL ROTIFER SYMPOSIUM ROTIFERA XIII

(November 18-24, 2012)



NORTH-EASTERN HILL UNIVERSITY
Department of Zoology, Permanent Campus, SHILLONG-793022, Meghalaya, India

LIST OF PRESENTATIONS

INVITED LECTURES

- IL-1 Rotifers of temporary waters**
Elizabeth J. Walsh^{1,*}, Hilary A. Smith² and Robert L. Wallace³
^{1,*} Dept. of Biological Sciences, University of Texas at El Paso, El Paso, Texas, USA;
²Dept. of Biological Sciences, University of Notre Dame, Notre Dame, Indiana, USA;
³ Dept. of Biology, Ripon College, Ripon, Wisconsin, USA
- IL-2 Towards a list of available names in Zoology, partim Phylum Rotifera: an update**
**H. Segers^{1,*}, W.H. De Smet², C. Fischer³, D. Fontaneto⁴, E. Michaloudi⁵,
 R. L. Wallace⁶ and C. D. Jersabek⁷**
^{1,*}Freshwater Laboratory, Royal Belgian Institute of Natural Sciences, Vautierstraat 29,
 B 1000 Brussels, **Belgium**; ²Department of Biology, University of Antwerp,
 Campus Drie Eiken, Universiteitsplein 1, B-2610 Wilrijk, **Belgium**;
 Systematics and Evolutionary Biology, Institute of Biology and Environmental Sciences,
 University of Oldenburg, Carl von Ossietzky-Str. 9-11, 26129 Oldenburg, **Germany**;
⁴ National Research Council, Institute of Ecosystem Study, Largo Tonolli50,
 28922 Verbania Pallanza, **Italy**; ⁵ Department of Zoology, School of Biology,
 Aristotle University, GR-54124 Thessaloniki, **Greece**; ⁶ Department of Biology,
 Ripon College, Ripon, WI, **USA**; ⁷ Department of Organismal Biology,
 University of Salzburg, A-5020 Salzburg, **Austria**, and Academy of Natural Sciences,
 Center for Systematic Biology & Evolution, Philadelphia, **USA**.
- IL-3 Body size, feeding and growth in *Brachionus*. Gaps in knowledge in the scenario of multi-species complexes**
Manuel Yúfera
 Instituto de Ciencias Marinas de Andalucía (ICMAN-CSIC),
 Campus Universitario Río San Pedro s/n, 11510 Puerto Real Cádiz, **Spain**
- IL-4 Rotifers as models for investigating the biology of aging**
Terry W. Snell
 Georgia Institute of Technology, School of Biology, Atlanta, GA 30332, **USA**
- IL-5 Molecular tools to understand diversity, evolution and ecology in rotifers**
Diego Fontaneto
 National Research Council, Institute of Ecosystem Study, Largo Tonolli 50,
 28922 Verbania Pallanza, **Italy**

IL-6 Rotifer biology and aquaculture**Atsushi Hagiwara**Graduate School of Fisheries Science & Environmental Study, Nagasaki University,
Bunkyo 1-14, Nagasaki 852-8521, **Japan****IL-7 Life history strategies of Rotifera in relation to temperature in tropical and temperate waters****S.S.S. Sarma^{1,*}, S. Nandini¹ and Ramesh D. Gulati²**^{1,*}Laboratorio de Zoología Acuática, Edificio UMF,
UNAM Campus Iztacala, Av. de los Barrios No. 1, Los Reyes Iztacala,
Tlalnepantla, CP 54090, AP 540, Edo. de Mex. **Mexico**; ²Department of Aquatic Ecology,
NIOO/Netherlands Institute of Ecology, 6708 PB Wageningen, **The Netherlands****ORAL PRESENTATIONS****OP-1 THE ROTIFER WORLD CATALOG (RWC) – an online tool for the study of rotifer taxonomy and biology****Christian D. Jersabek**Department of Organismic Biology, University of Salzburg, A-5020, Salzburg, **Austria****OP-2 Northeast India- a biodiversity important region with its rich and interesting Rotifera diversity****B. K. Sharma* and Sumita Sharma**Freshwater Biology Laboratory, Department of Zoology, North-Eastern Hill University,
Permanent campus, Shillong - 793 022, Meghalaya, **India****OP-3 Rotifers in bryophytic meiofauna of the karst running waters (Plitvice Lakes, Croatia) Maria Špoljar^{1,*}, Norbert Walz², Biserka Primc¹, Tvrtko Dražina¹ and Mladen Kučinić¹**^{1,*}University of Zagreb, Faculty of Science, Department of Biology, Division of Zoology,
Rooseveltova trg 6, HR-10 000 Zagreb, **Croatia**; ²Leibniz-Institute of Freshwater Ecology
and Inland Fisheries, Department: Limnology of Shallow Lakes and Lowland Rivers,
Müggelseedamm 301, 12587 Berlin, **Germany****OP-4 *Trichocerca simoneae* De Smet in dystrophic lakes of northeastern Poland - an example of invasion?****J. Ejsmont-Karabin**Institute of Biology, University of Białystok, Świerkowa 20B, 15-950 Białystok, **Poland****OP-5 Impact of climate change stressors on population growth and nutritional content of rotifer *Brachionus rotundiformis*****Helen S. Marcial SEAFDEC/AQD, Tigbauan, Iloilo, 5021 Philippines****OP-6 Sessile and periphytic rotifer community structure: an analysis of habitat patterns and species traits****Phuhuripong Meksuwan¹, Pornslip Pholpunthin¹, Elizabeth J. Walsh², Hendrik Segers³ and Robert L. Wallace^{4,*}**¹Department of Biology, Faculty of Science, Prince of Songkla University,
Hat Yai 90112, Songkhla, **Thailand**; ²Department of Biological Sciences,
University of Texas at El Paso, El Paso, TX, 79968, **USA**; ³Belgian Biodiversity Platform,
Royal Belgian Institute of Natural Sciences, Vautierstraat 29, B 1000 Brussels, **Belgium**;
^{4,*}Department of Biology, Ripon College, Ripon, WI 54971, **USA**

- OP-7 Aquatic rotifers are infected by lethal Oomycete parasites that form tubular outgrowths of uncertain function**
Daniel P. Molloy^{1,2}, Clifford A. Siegfried¹, Elizabeth Wurdak^{2,*}, Sally L. Glockling³, Sergey E. Mastitsky⁴, Michael J. Gaylo¹, Laure Giamberini⁵ and Michael J. Nemeth¹
¹Division of Research & Collections, New York State Museum, New York State Education Department, Albany, NY 12230, USA; ^{2,*}Department of Biological Sciences, State University of New York, 1400 Washington Avenue, Albany, NY 12222, USA; ³135 Brodrick Road, Eastbourne BN22 9RA UK; ⁴BASF, Ludwigshafen, Germany; ⁵Université de Lorraine, Laboratoire des Interactions, Ecotoxicologie, Biodiversité, Ecosystèmes, CNRS UMR 7146, Campus Bridoux, Rue du Général Delestraint, F-57070 Metz, France
- OP-8 Does sampling site influence the rotifer diversity at local vs. landscape level?**
Natalia Kuczyńska-Kippen and Anna M. Basińska*
 Department of Water Protection, Faculty of Biology, Adam Mickiewicz University, Umultowska 89, 61-614 Poznań, Poland
- OP-9 Morphological similarity and ecological overlap in two rotifer species**
Carmen Gabaldón*, Javier Montero-Pau, María José Carmona and Manuel Serra
 Institut Cavanilles de Biodiversitat i Biologia Evolutiva, Universitat de València, A.O. 22085, 46071, Valencia, Spain
- OP-10 The response of the rotifer community in Loch Leven to changes associated with a 60% reduction in phosphorus inputs from the catchment**
L. May*, L. Carvalho, B. Dudley, I.D. Gunn and B. Spears
 NERC Centre for Ecology & Hydrology, Bush Estate, Penicuik, Midlothian, EH26 0QB, Scotland UK.
- OP-11 Effect of the mixed hormones (levonorgestrel and ethinylestradiol) on the demography *Anuraeopsis fissa* (Rotifera)**
Gerardo García-García^{1,*}, S.S.S. Sarma², Alma Rosa Nuñez-Ortíz² and S. Nandini²
^{1,*}Posdoctorado de la Dirección General de Asuntos del Personal Académico, UNAM; ²Laboratorio de Zoología Acuática, Unidad de Morfofisiología, Facultad de Estudios Superiores Iztacala, Universidad Nacional Autónoma de México, CP 54090, Av. de los Barrios No. 1, Los Reyes, Iztacala, Tlalnepantla, Edo. de México, Mexico
- OP-12 Investigating bet-hedging of diapausing egg hatching in temporary rotifer populations**
Eduardo M. García-Roger*, Manuel Serra and María José Carmona
 Institut Cavanilles de Biodiversitat i Biologia Evolutiva. Universitat de València. C/ Catedrático José Beltrán, 2. Paterna 46980, València, Spain
- OP-13 Effect of invertebrate predators on the demography of the rotifer *Brachionus havanaensis* (Rotifera)**
S. Nandini*, F. S. Zúñiga-Juárez and S.S.S. Sarma
 Laboratorio de Zoología Acuática, Edificio UMF, UNAM Campus Iztacala, Av. de los Barrios No. 1, Los Reyes Iztacala, Tlalnepantla, CP 54090, AP 540, Edo. de Mex. Mexico.
- OP-14 Experimental evolution and rapid adaptation of rotifer life history**
Hilary A. Smith^{1,*} and Terry W. Snell²
¹University of Notre Dame, Department of Biology, Notre Dame, IN 46556, USA; ²Georgia Institute of Technology, School of Biology, Atlanta, GA 30332, USA
- OP-15 Is the genome integrity of Bdelloid rotifers preserved following desiccation?**
Boris Hespeels^{1,*}, Xiang Li¹, Jean-François Flot¹, Romain Koszul² and Karine Van Doninck¹
^{1,*} Unit of Research in Organism Biology (URBO), University of Namur (FUNDP), Namur, Belgium; ² Team of “spatial regulation of genomes”, Institut Pasteur, Paris, France

- OP-16 The story of the notorious ancient asexual bdelloid rotifer**
Jean-François Flot, Xiang Li, Boris Hespels and Karine Van Doninck*
 * Unit of Research in Organism Biology (URBO), University of Namur (FUNDP), Namur, **Belgium**
- OP-17 On the cryptic nature of Iranian *Brachionus plicatilis* species complex: phylogenetic resolution by comparison of *COI* gene sequence variation**
Reza Malekzadeh Viayeh^{1,*}, Razieh Pak Tarmani¹ and Diego Fontaneto²
^{1,*}Artemia and Aquatic Animals Research Institute, Urmia University, Urmia, **Iran**;
² Imperial College London, Division of Biology, Silwood Park Campus, Ascot Berkshire, SL57PY **United Kingdom**
- OP-18 Growth performance of Asian sea bass *Lates calcarifer* (Bloch) larvae fed with enriched rotifers**
Kumaran Ganesh^{2,*}, Perumal Murugesan¹, Yohannan Chellamma Thampi Sam Raj² and Thangavel Balasubramanian¹
¹ Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai – 608 502, Tamil Nadu, **India**; ^{2,*} Rajiv Gandhi Centre for Aquaculture, MPEDA, Sirkali, Tamil Nadu, **India**
- OP-19 Diversity, density and community interactions of rotifers in five major freshwater riverine ecosystems of South West Bengal, India**
Susanta Kumar Chakraborty* and Prasenjit Pradhan
 Department of Zoology, Vidyasagar University, Midnapore 721102, West Bengal, **India**
- OP-20 Dynamics of rotifer communities: metacommunity and adaptive capacity approach**
Priyanka Halder (Mallick)* and Susanta Kumar Chakraborty
 Department of Zoology, Vidyasagar University, Midnapore, West Bengal, **India**
- OP-21 Rotifer fauna of Krishnagiri reservoir, Krishnagiri-Tamil Nadu**
R. Ramanibai* and S. Kanniga
 Aquatic Biodiversity Unit, Department of Zoology, University of Madras, Guindy Campus, Chennai - 25, Tamil Nadu, **India**
- OP-22 Indian Lecanidae (Rotifera: Eurotatoria: Monogononta) and its distribution**
B. K. Sharma* and Sumita Sharma
 Freshwater Biology Laboratory, Department of Zoology, North-Eastern Hill University, Permanent campus, Shillong - 793 022, Meghalaya, **India**
- OP-23 Rotifer diversity in floodplain lakes of Majuli (the largest river island), Assam, northeast India**
B. K. Sharma
 Freshwater Biology Laboratory, Department of Zoology, North-Eastern Hill University, Permanent campus, Shillong - 793 022, Meghalaya, **India**
- OP-24 Habitat preference of Rotifera in some waters of lower Himalayas**
K.K. Sharma* and Sarbjeet Kour
 Department of Zoology, University of Jammu, Jammu - 180 006, **India**
- OP-25 Studies on biodiversity of Rotifers from some fresh water bodies in and around Pune, Maharashtra**
Avinash Vanjare and Kalpana Pai*
 Department of Zoology, Centre of Advanced Studies, University of Pune, Pune-411007, **India**

- OP-26 Combined effects of temperature (level and oscillation) and cadmium concentration on the demographic life table of *Brachionus calyciflorus* (Rotifera)**
José Luis Gama-Flores^{1,*}, María Elena Huidobro-Salas¹, S.S.S. Sarma² and S. Nandini²
^{1,*}Carrera de Biología, National Autonomous University of Mexico, Campus Iztacala Av. de Los Barrios No.1, C.P. 54090, Los Reyes, Tlalnepantla, State of Mexico, **Mexico**; ²Laboratory of Aquatic Zoology, Division of Research and Postgraduate Studies, National Autonomous University of Mexico, Campus Iztacala Av. de Los Barrios No.1, C.P. 54090, Los Reyes, Tlalnepantla, State of Mexico, **Mexico**
- OP-27 Effects of DL-methinone on the population growth of rotifer *Brachionus plicatilis* (O.F. Müller, 1786)**
José Feliciano Olvera Vazquez¹, Luis Héctor Hernández Hernández^{1,*}, Mario Alfredo Fernández Araiza¹ and Manuel Álvarez Solís²
^{1,*}Laboratorio de Producción Acuícola, UNAM FES Iztacala, Av. de los Barrios 1, Los Reyes Iztacala. Tlalnepantla, Edo. México, **México**, C.P. 54090; ²Evonik México S.A. de C.V., Calz. México-Xochimilco 5149-bis, Col. Arenal Tepepan, México, D.F., **México**, C.P. 14610
- OP-28 Synergistic toxicity of Macondo crude oil and dispersant Corexit 9500A® to the *Brachionus plicatilis* species complex (Rotifera)**
Roberto Rico-Martínez^{1,*}, Terry W. Snell² and Tonya L. Shearer²
^{1,*}Universidad Autónoma de Aguascalientes, Centro de Ciencias Básicas. Departamento de Química. Avenida Universidad 940, Aguascalientes, Ags., **Mexico**. C.P. 20131; ²Georgia Institute of Technology, School of Biology. Atlanta, Georgia 30332-0230, **USA**

POSTER PRESENTATIONS

- PP-1 Bioconcentration and localization of lead in the freshwater rotifer *Brachionus calyciflorus* Pallas 1766 (Rotifera: Monogononta)**
Jesus Alvarado-Flores¹, Roberto Rico-Martínez^{1,*}, Javier Ventura-Juarez² and Marcelo Silva-Briano³
^{1,*}Universidad Autónoma de Aguascalientes, Laboratorio de Toxicología, Edificio 60. Depto. Química. Avenida Universidad 940, C.P. 20131, Aguascalientes, Ags., **Mexico**;
²Universidad Autónoma de Aguascalientes, Laboratorio de Morfología, Edificio 202. Depto de Morfología. Avenida Universidad 940, C.P. 20131, Aguascalientes, Ags., **Mexico**;
³Universidad Autónoma de Aguascalientes, Laboratorio de Ecología, Edificio 202. Depto. Biología. Avenida Universidad 940, C.P. 20131, Aguascalientes, Ags., **Mexico**
- PP-2 Effect of *Anabaena* sp. extracts on the population dynamics and demography of *Platyonus patulus* (Rotifera)**
Cesar Alejandro Zamora Barrios, S. Nandini and S. S. S. Sarma*
 Unidad de Morfofisiología, laboratorio de Zoología Acuática, Facultad de Estudios Superiores Campus Iztacala, UNAM, Av. de los Barrios No. 1, Tlalnepantla, Edo. de México, **Mexico**
- PP-3 Diversity, succession, population and community interactions of Rotifers in vermicompost treated ponds of Midnapore (West), West Bengal, India**
G Bhunia*, P Pradhan, G K Chanda and S. K. Chakraborty
 Department of Zoology, Vidyasagar University, Midnapore-721102, West Bengal, **India**

- PP-4 Rotifers from acid mine pyrite pit lakes (Sudety Mts, Poland)**
I. Bielańska-Grajner^{1,*}, A. Pocięcha², E. Wilk-Woźniak², E. Walusiak² and E. Szarek-Gwiazda²
^{1,*}Hydrobiology Department, University of Silesia, ul. Bankowa 9, 40-009 Katowice, **Poland**;
² Institute of Nature Conservation PAS, Av. A. Mickiewicza 33, 31-120 Kraków, **Poland**
- PP-5 Does genetic diversity reduce intraspecific competition in rotifer populations?**
María José Carmona, Nohemi Dimas-Flores and Manuel Serra*
 Institut Cavanilles de Biodiversitat i Biologia Evolutiva, Universitat de València,
 A.O. 22085, 46071, Valencia, **Spain**
- PP-6 Rapid evolution in rotifers under conditions of stoichiometric imbalance**
Steven A. J. Declerck^{1,*}, Dennis Waasdorp¹, Ellen van Donk¹ and Spiros Papakostas^{1,2}
^{1,*}Department of Aquatic Ecology, Netherlands Institute of Ecology (NIOO-KNAW),
The Netherlands; ²Department of Biology, University of Turku, **Finland**
- PP-7 Effect of the flood pulse on rotifer community structure, biomass and secondary production in lakes of neotropical floodplain**
Juliana Déo Dias¹, Claudia Costa Bonecker¹ and Maria Rosa Miracle^{2,*}
¹Universidade Estadual de Maringá/Programa de Pós Graduação em Ecologia de Ambientes Aquáticos Continentais/Nupélia, Maringá, **Brazil**.;
^{2,*}Dept Microbiologia y Ecología. ICBiBE. Universitat de Valencia, **Spain**
- PP-8 Effects of volcanic ash on the demographic parameters of *Plationus patulus* and *Brachionus calyciflorus* (Rotifera: Brachionidae)**
Rocio Fernández¹, Jorge Jiménez-Contreras², Michael Anai Figueroa Sanchez², S. Nandini^{3,*} and S.S.S. Sarma³
¹Posgrado División de Ciencias Biológicas y de la Salud, Universidad Autónoma Metropolitana, México D.F. C.P. 04960; ²Posgrado de Ciencias del Mar y Limnología, Universidad Nacional Autónoma de México, Edificio Ciencias del Mar y Limnología, Ciudad Universitaria, México City, **Mexico**; ^{3,*}Laboratorio de Zoología Acuática, División de Investigación y Posgrado, Edificio UMF, Universidad Nacional Autónoma de México, Campus Iztacala, AP 314, CP 54090, Tlalnepantla, Edo. de México. **Mexico**.
- PP-9 Environmental uncertainty and diapause investment effects on the occurrence of specialist and generalist species**
Lluís Franch, Javier Montero-Pau and Manuel Serra*
 Institut Cavanilles de Biodiversitat i Biologia Evolutiva, Universitat de València, Valencia, **Spain**
- PP-10 Differential effect of salinity on life history traits in two rotifer cryptic species**
Carmen Gabaldón*, Javier Montero-Pau, María José Carmona and Manuel Serra
 Institut Cavanilles de Biodiversitat i Biologia Evolutiva, Universitat de València, A.O. 22085, 46071, Valencia, **Spain**
- PP-11 Diversity and distribution of Rotifera in epiphytic habitat of two lakes from Aurangabad district (M.S.), India**
A. D. Harkal^{1,*}, Satish S. Mokashe² and G.K. Kulkarni²
^{1,*}New Arts, Commerce and Science College, Ahmednagar, **India**; ²Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, **India**
- PP-12 Sublethal effects of malathion and ultraviolet light on the population growth of *Brachionus havanaensis* (Rotifera)**
Diego de Jesús Chaparro Herrera¹, Esmeralda Bravo Hernández², S. Nandini³ and S. S. S. Sarma^{3,*}

¹Posgrado en Ciencias Biológicas, UNAM, Ciudad Universitaria, Coyoacán, C.P. 04510, **México**, D.F.;

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PP-13 Effect of circadian cycle and prey density on the demographic characteristics of the predator *Asplanchna silvestrii* (Rotifera)

Jorge Jiménez-Contreras^{1,*}, S.S.S. Sarma², S. Nandini² and Ariadna Urquieta-Ordóñez

^{1,*}Posgrado en Ciencias del Mar y Limnología, UNAM, Ciudad Universitaria Av. Universidad 3000,

UNAM, C.U., ²Posgrado en Ciencias del Mar y Limnología, UNAM, Ciudad Universitaria Av. Universidad 3000, UNAM, C.U., Delegación: Coyoacán, C.P. 04510, **México**, D.F.

PP-14 The structure of psammic rotifer communities in the two boreal lakes of different trophic: Lake Võrtsjärv and Lake Saadjärv (Estonia)

Küllil Lokko^{1,*} and Taavi Virro¹

^{1,*}Institute of Ecology and Earth Sciences, University of Tartu, 46 Vanemuise St, 51014 Tartu,

Estonia; ² Estonian Marine Institute, University of Tartu, 14 Mäealuse St, 12618 Tallinn, **Estonia**

PP-15 The “African anomaly” revisited: diversity of monogonont Rotifera from the Congo Basin

Yongting Luo¹ and Hendrik Segers^{2,*}

¹Department of Biology, Shanghai Normal University, Guilin Road 100, Shanghai, P.R. **China**;

^{2,*} Freshwater Laboratory, Royal Belgian Institute for Natural Sciences, Vautierstraat 29, B - 1000 Brussels, **Belgium**

PP-16 Molecular cloning and localization of GABA_A receptor associated protein in the rotifer *Brachionus plicatilis*

Helen S. Marcial^{1,*}, Koushirou Suga², Shigaheru Kinoshita³, Gen Kaneko³,

Atsushi Hagiwara⁴ and Shugo Watabe³

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Nagasaki University, Bunkyo, Nagasaki 852-8521, **Japan**;

³ Graduate School of Agricultural and Life Sciences, The University of Tokyo, Yayoi,

Bunkyo, Tokyo, 113-8657, **Japan**; ⁴ Graduate School of Science and Technology,

Nagasaki University, Bunkyo, Nagasaki 852-8521, **Japan**

PP-17 The Collotheceida (Rotifera: Collotheacea) of Thailand, with the description of a new species

Phuripong Meksuwan¹ and Hendrik Segers^{2,*}

¹ Plankton Research Unit, Department of Biology, Faculty of Science,

Prince of Songkla University, Hat Yai 90112, Songkhla, **Thailand**; ^{2,*}Freshwater Laboratory,

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PP-18 Cyclomorphosis of fresh water rotifers from wetlands of contrasting ecological feature – seasonal analysis

Subhasri Middya^{*}, Prasenjit Pradhan and Susanta Kumar Chakraborty

Department of Zoology, Vidyasagar University, Midnapore-721102, West Bengal, **India**

PP-19 Planktonic rotifer feeding in hypertrophic conditions

Maria Rosa Miracle^{1,*}, Eduardo Vicente¹, S.S.S. Sarma² and S. Nandini²

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Division of Research & Postgraduate Studies, National Autonomous University of Mexico,

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- PP-20 Species composition and relative abundance of rotifers from Ramrai reservoir of Aurangabad, Maharashtra, India**
Satish S. Mokashe* and G.V. Arak
 Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, **India**
- PP-21 Alien rotifers – neglected or unsolved problem?**
K. Najberek*, A. Pocięcha, E. Wilk-Woźniak, W. Solarz
 Institute of Nature Conservation PAS, Av. A. Mickiewicza 33, 31-120 Kraków, **Poland**
 and Aquatic Biological Resources, Kazimierza Królewicza St. 4, 71-550 Szczecin, **Poland**
- PP-22 Insights into the molecular phylogeny and phylogeography of the *Brachionus calyciflorus* complex**
Spiros Papakostas^{1,*}, Mikaela Brehm² and Steven Declerck²
^{1,*}Department of Biology, University of Turku, **Finland**; ²Department of Aquatic Ecology, Netherlands Institute of Ecology (NIOO-KNAW), **The Netherlands**
- PP-23 Diversity of rotifers from limestone lakes (Wolin and Szczecin region, northern Poland)**
**A. Pocięcha^{1,*}, I. Bielańska - Grajner², E. Wilk-Woźniak¹,
 E. Walusiak¹, K. Stepanowska³, M. Biernaczyk³ and K. Wrzcionkowski³**
^{1,*}Institute of Nature Conservation PAS, 33 A. Mickiewicza Av., 31-120 Kraków, **Poland**; ²Hydrobiology Department, University of Silesia, 9 Bankowa St., 40-009 Katowice, **Poland**; ³West Pomeranian University of Technology, Szczecin, Department of Hydrochemistry and Aquatic Biological Resources, Kazimierza Królewicza St. 4, 71-550 Szczecin, **Poland**
- PP-24 Effect of prey species on the population growth and feeding preference by *Asplanchnopus multiceps* (Rotifera: Asplanchnidae)**
Ligia Rivera-De la Parra¹, Cristian Alberto Espinosa-Rodríguez², S.S.S. Sarma^{1,*} and S. Nandini¹
^{1,*}Laboratory of Aquatic Zoology, División of Research and Postgraduate Studies, Universidad Nacional Autónoma de México, Campus Iztacala, Av. De los barrios # 1, Los Reyes Iztacala, Tlalnepantla, CP 54090. Edo. de Méx. **México**; ²Postgraduate Programme in Marine Sciences and Limnology, Universidad Nacional Autónoma de México, Ciudad Universitaria, Av. Universidad 3000 CP 04510, Mexico City, **México**
- PP-25 Gut filling and evacuation patterns in *Brachionus plicatilis* enriched with microalgae**
S. Romero-Romero and M. Yúfera*
 Instituto de Ciencias Marinas de Andalucía (ICMAN-CSIC); Campus Universitario Río San Pedro s/n, 11510 Puerto Real Cádiz, **Spain**
- PP-26 Behavior and reproduction of the rotifer *Brachionus plicatilis* under different light intensity and wavelength**
Chihona Sawada*, Hee-Jin Kim and Atsushi Hagiwara
 Graduate School of Fisheries Science & Environmental Study, Nagasaki University, Bunkyo 1- 4, Nagasaki 852-8521, **Japan**
- PP-27 Rotifers in fly ash waters**
Shikha Shrivastava*, Lekhika Shrivastava and Roshni Rajput
 Government V.Y.T. P.G. Autonomous College, Durg, C. G. **India**
- PP-28 Rotifers in littoral zone of Shkoder/Scadar lake (Albania-Montenegro) as a tool for determining state of water quality**
Spase Shumka
 Agricultural University of Tirana, Faculty of Biotechnology and Food, Tirana, **Albania**

- PP-29 Rotifer community structure in temperate versus semiarid habitats: impact of aquatic macrophytes and salinity**
Maria Špoljar^{1,*} and Reza Malekzadeh Viayeh²
^{1,*} Division of Zoology, Department of Biology, Faculty of Science, University of Zagreb, Rooseveltov trg 6, HR-10 000 Zagreb, **Croatia** ²Artemia and Aquatic Animals Research Institute, Urmia University, Urmia, **Iran**
- PP-30 Seasonal changes in the rotifer abundances from Teapa River (State of Tabasco, Mexico)**
Martha Hilda Pérez Vega^{1,*}, S. Nandini², Luis Manuel Gómez Díaz Dúran² and S.S.S. Sarma¹
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- PP-31 Role of Rotifers in the ecosystem of an artificial reservoir**
E. Wilk-Woźniak^{1,*}, A. Pocięcha¹, G. Mazurkiewicz-Boroń², A. Amirowicz¹, E. Walusiak¹ and M. Gašiorowski³
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- PP-32 Genetic variation among different populations of *Euchlanis dilatata***
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WORKSHOPS

- WS-1 Sessile Rotifera (Gnesiotrocha)**
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- WS-2 The application of population level parameters to Rotifer ecotoxicology**
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