

# Larysa Samchyshyna (1976)

## Mailing Address

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## EDUCATION

### Specialist Degree (1998) in chemistry and biology

Biological Department, Zhytomyr State Teachers' Training Institute (Zhytomyr, Ukraine)

Thesis: Effect of pollutants (toxic substances) on a functioning of different organ systems of *Rivicoliana rivicole* (Mollusca, Bivalvia). Supervisor Prof. Stadnichenko

### Candidate of Science (2006)

Schmalhausen Institute of Zoology National Academy of Sciences of Ukraine (Kyiv, Ukraine)

Thesis: Fauna, ecology and morphology of freshwater and brackish Calanoida (Crustacea, Copepoda) of Ukraine. Supervisor Acad., Prof. Monchenko

Research Specialty: zoology

## RESEARCH EXPERIENCE

2008, 2009 – Dep. of Marine Ecology, Institute of Oceanography, Polish Academy of Sciences (Poland): seasonal variations in the abundance of *Calanus finmarchicus*, *C. glacialis*, *C. hyperboreus*, taxonomy of marine zooplankton species with focus on small copepods *Pseudocalanus minutus*, *P. acuspes*, *Microcalanus pygmaeus* and *Oithona similis* (CLEOPATRA project) (Supervisor Dr. S. Kwasniewski)

2005-2006- Dep. of Limnology, Lund University (Sweden): impact of UVR on zooplankton; arctic limnology, impact of glaciation history on biogeography of freshwater and brackish crustaceans in arctic region (samples from Siberia, Alaska, TNW and Canadian Archipelago, Greenland, Svalbard), taxonomical identification of zooplankton samples (Supervisor Prof. L.-A. Hansson)

2004-2005- Centre of Limnology, Institute of Ecology, Netherlands Royal Academy of Arts and Sciences (The Netherlands), lake restoration project "Turn over of  $^{13}\text{C}$ - stable isotopes in the freshwater bivalves kept on different food sources": food web studies, benthic – pelagic coupling, measurements of  $\delta^{13}\text{C}$  of functional groups of phyto- and zooplankton - Pyrolysis-GC-IRMS (isotope-ratio mass spectrometry), CASY (electronic

cell counter), PhytoPAM, grazing experiments, estimation of clearance rates (Supervisor Dr. B. Ibelings)

2001-2002 – Max-Planck-Institute for Limnology (Germany): freshwater Copepoda, Scanning Electron Microscope (SEM) observation of egg shells, study of eggs surviving (both resting and subitaneous) after passing through fish gut.

since November 1998– Department of Fauna and Systematic of Invertebrate Animals, Schmalhausen Institute of Zoology, National Academy of Sciences (Kiev, Ukraine): fauna, ecology and taxonomy of crustaceans

1998– Lecturer of inorganic chemistry and laboratory technique at the Pharmaceutical College (Zhytomyr, Ukraine)

#### **Academic fellowships:**

2008 – Kasa im. Jozefa Mianowskiego-Fundacja Popierania Nauki (Warsaw)

2005 – SI (Swedish Institute, Stockholm)

2004 – INTAS (Brussels)

2001 – DAAD (Deutscher Akademischer Austauschdienst, Bonn)

#### **SELECTED PUBLICATIONS**

1. Samchyshyna, L., L.-A. Hansson, K. Christoffersen. Glacial history has shaped richness among freshwater zooplankton in arctic lakes and ponds. *Polar Biol.* 2008, 31: 1427-1435
2. Dionisio Pires L.M., B.M. Bontes, L. Samchyshyna, J. Jong, E. Van Donk & B. W. Ibelings. Grazing on microcystin-producing and microcystin-free phytoplankters by different filter-feeders: implications for lake restoration. *Aquatic Sciences*, 2007, 69: 534-543
3. Bartholmé, S., L. Samchyshyna, B. Santer & W. Lampert. Subitaneous eggs of freshwater copepods pass through fish guts: Survival, hatchability, and potential ecological implications. *Limnol. & Oceanogr.*, 2005, 50 (3): 923-929

#### **WORKSHOPS AND INTERNATIONAL CONFERENCES**

1. 10<sup>th</sup> International Conference on Copepoda (ICOC), 13-19 July 2008 Pattaya, Thailand (Poster)
2. Arctic Frontiers 2009, YSF Workshop “Arctic marine ecosystems in an era of rapid climate change”, 18-28 January 2009 Tromsø, Norway (Poster)

#### **AFFILIATIONS**

World Association of Copepodologists (WAC)

#### **RESEARCH INTERESTS**

*Research:* crustaceans: fauna, ecology, morphology, taxonomy, economic importance, conservation biology, applying of stable isotope signature method in food web studying, marine zooplankton, fundamental and applied orientations

*Other:* Volunteer and humanitarian work, poetry, classical literature, music

**Personality traits:** serious, calm, responsible, reliable, ethical, careful about details, initiative, like to develop my own ways of doing things, enjoys lab work

## REFERENCES

Acad., Prof. Vladislav Monchenko  
Department of Fauna and Systematic of Invertebrate Animals,  
Schmalhausen Institute of Zoology NASU  
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### **You can also contact directly my polish supervisor in marine ecology:**

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