

Department of Bioagricultural Sciences  
and Pest Management  
Colorado State University  
Fort Collins, CO 80523-1177  
Phone: (208) 301-2048  
Fax: (970) 491-3862  
E-mail: [marianna.szucs@colostate.edu](mailto:marianna.szucs@colostate.edu)

**EDUCATION**

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2010            Ph.D., Entomology, University of Idaho, Moscow, ID  
2001            University Diploma in Geography with specialization in Geology.  
University of Szeged, Szeged, Hungary  
Corresponds to: M.Sc., Geology and B.Sc., Geography

**RESEARCH EXPERIENCE**

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2014 – present    *Research Scientist*, Co-PI with Dr. Ruth Hufbauer on a USDA grant titled:  
“The role of hybridization in biological control of weeds”  
Department of Bioagricultural Sciences and Pest Management  
Colorado State University, Fort Collins, CO

2011 - 2014        *Postdoctoral Research Associate* with Dr. Ruth Hufbauer  
“The roles of demography and genetics in the founding of populations”  
Department of Bioagricultural Sciences and Pest Management  
Colorado State University, Fort Collins, CO

2005 – 2010        *Dissertation Research* with Dr. Mark Schwarzländer  
“Landscape genetics, hybridization and rapid evolution in the biological control  
agent, *Longitarsus jacobaeae*”  
Department of Plant, Soil and Entomological Sciences,  
University of Idaho, Moscow, ID

2004                *Research Assistant* with Dr. Hariet Hinz  
“Biology and host-specificity of potential biological control agents to control the  
invasive hoary cress, *Lepidium draba*”  
CABI (Center for Agriculture and Biosciences International) – Europe,  
Switzerland

2002 – 2003        *Research Assistant* with Dr. Stefan Töpfer  
“Biology and dispersal of the invasive Western corn rootworm, *Diabrotica v.  
virgifera* in its introduced range”  
CABI – Europe Switzerland, based at Plant Protection Directorate in Hungary

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**PUBLICATIONS**


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**Szűcs, M.**, B. A. Melbourne, T. Tuff, and R. A. Hufbauer. 2014. The roles of demography and genetics in the early stages of colonization. **Proceedings of the Royal Society B Biological Sciences**. *In press*.

**Szűcs M.**, U. Schaffner, W. J. Price and M. Schwarzländer. 2012. Post-introduction evolution in the biological control agent *Longitarsus jacobaeae* (Coleoptera: Chrysomelidae). **Evolutionary Applications** 5: 858-868

**Szűcs M.**, S. D. Eigenbrode, M. Schwarzländer, and U. Schaffner. 2012. Hybrid vigor in the biological control agent, *Longitarsus jacobaeae*. **Evolutionary Applications** 5: 489-497

**Szűcs M.**, M. Schwarzländer, and J.F. Gaskin. 2011. Reevaluating establishment and potential hybridization of different biotypes of the biological control agent *Longitarsus jacobaeae* using molecular tools. **Biological Control** 58: 44-52

Marsico, T. D., J. W. Burt, E. K. Espeland, G. Gilchrist, M. A. Jamieson, L. Lindström, S. Swope, G. Roderick, **M. Szűcs**, and N. Tsutsui. 2010. Underutilized resources for studying the evolution of invasive species during their introduction, establishment, and lag phases. **Evolutionary Applications**. 3: 203-219.

**Szűcs M.**, C. L. Anderson, and M. Schwarzländer. 2008. Landscape genetics and climatic associations of flea beetle lineages, and implications for biocontrol of tansy ragwort. In **Proceedings of the XII International Symposium on Biological Control of Weeds** (eds. Julien, M.H., Sforza, R., Bon, M.C., Evans, H.C., Hatcher, P.E., Hinz, H.L. and Rector, B.G.), pp 443-447. CAB International Wallingford, UK.

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**GRANTS AND AWARDS**


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2013	USDA-AFRI-NIFA, The role of hybridization in biological control of weeds. Hufbauer RA. and <b>M. Szűcs</b>	\$500,000
2010	Dr. Gene and Marlene A. Easton Scholarship University of Idaho	\$1,250
2010	Graduate and Professional Student Association Travel Grant, University of Idaho	\$490
2009	Student Grant Program, University of Idaho	\$1,500
2009	Graduate and Professional Student Association Travel Grant, University of Idaho	\$760
2007 – 2008	National Science Foundation, Idaho EPSCoR Program Outstanding Ph.D. scholar award, research stipend	\$15,270
2008	DeVlieg Small Project Grants, University of Idaho Laboratory for Conservation and Ecological Genetics	\$1,000
2008	Dr. Gene and Marlene A. Easton Scholarship University of Idaho	\$2,500

**TEACHING/MENTORING EXPERIENCE**

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2011 - present	<i>Supervisor and trainer</i> for 25 paid undergraduate laboratory assistants during post-doctoral research
2013	<i>Guest lecturer</i> for Invasive Plants and Weeds (BSPM 528)
2011 - 2013	<i>Mentor</i> for 12 student interns through CSU's Ecological Undergraduate Research Experience course (NSCI 487)
2011 - 2013	<i>Mentor</i> for 2 NSF-REU students
2009	<i>Teaching Assistant and Guest Lecturer</i> for Insect Ecology (ENT 441/541)
2006-2009	<i>Supervisor and trainer</i> for 3 field and laboratory assistants

**TEACHING WORKSHOPS**

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2013 Fall	The Institute for Teaching and Learning Short Courses at Colorado State University <ul style="list-style-type: none"> <li>- Strategies to work with people with disabilities in the classroom.</li> <li>- Successfully integrating non-native English speakers into classes.</li> <li>- Best practices for online course design.</li> <li>- Working with post-9/11 Student-Veterans.</li> </ul>
2012 Fall	College of Agricultural Sciences Master Teacher Workshop Seminar Series, Colorado State University

**ACADEMIC SERVICE**

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Reviewer for PLOS ONE, Proceedings of the Royal Society B, Molecular Ecology, and BioControl.

2013	Judge of poster section for Front Range Student Ecology Symposium, Colorado State University, Fort Collins, CO.
2011	Co-organized the Symposium `Evolution and Biological Control` at the Annual Meeting of the Entomological Society of America, Reno, NV.
2010	Invited member of the Student Symposium Committee for the Annual Meeting of the Entomological Society of America – Pacific Branch. Boise, ID.
2009	Volunteer for Evolution 2009. Joint annual meeting of the Society for the Study of Evolution (SSE), the Society of Systematic Biologists (SSB), and the American Society of Naturalists (ASN). Moscow, ID.

**PUBLIC SERVICE AND OUTREACH**

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*1- Day Biological Control Technology Transfer Field Workshops taught*

2008	Spotted knapweed, <i>Centaurea maculosa</i> , Wallace, ID (14 Participants)
2007	Spotted knapweed, <i>Centaurea maculosa</i> , Coeur d'Alene, ID (11 Participants)
2007	Spotted knapweed, <i>Centaurea maculosa</i> , Bonners Ferry, ID (30 participants)

*Biological Control Flip Cards*

Winston R., **M. Szűcs**, and M. Schwarzländer. 2007. Noxious Weeds and their Biocontrol Agents. Tansy Ragwort.

**PROFESSIONAL MEETINGS**

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NSF funded Writing Productivity Workshop for early career scientists. Mountain Lake Biological Station, Pembroke, VA, 5-9 Aug, 2013.

*Oral presentations*

**Szűcs M.**, U. Schaffner, and M. Schwarzländer. 2011. Post-introduction life-history evolution in the weed biological control agent *Longitarsus jacobaeae*. **Annual meeting of the Entomological Society of America**, Reno, NV. 13-16 Nov, 2011.

Ruth Hufbauer, **M. Szűcs**, and B. Facon. 2011. The consequences of inbreeding and propagule size for the founding of populations. **13th International Symposium on Biological Control of Weeds**, Waikoloa, HI. 11-16 Sept, 2011.

**Szűcs M.**, M. Schwarzländer and J. F. Gaskin. 2010. Establishment patterns and hybridization of different biotypes of the biological control agent *Longitarsus jacobaeae*. **Invasive Species in Natural Areas Conference**. Coeur d'Alene, ID, October 25-29.

**Szűcs M.** and M. Schwarzländer. 2010. Rapid evolution of the biological control agent *Longitarsus jacobaeae* (Coleoptera: Chrysomelidae). **Entomological Society of America – Pacific Branch Meeting**, Boise, ID. 11-14 April, 2010.

**Szűcs M.**, J. F. Gaskin and M. Schwarzländer. 2010. Evaluating establishment of biological control agent biotypes using molecular methods. **Entomological Society of America – Pacific Branch Meeting**, Boise, ID. 11-14 April, 2010.

*Invited presentation for the Student Symposium.*

**Szűcs M.** 2009. Rapid evolution of the biological control agent *Longitarsus jacobaeae* (Coleoptera: Chrysomelidae). Evolution 2009. **Joint annual meeting of the Society for the Study of Evolution (SSE), the Society of Systematic Biologists (SSB), and the American Society of Naturalists (ASN)**. Moscow, ID.

**Szűcs M.** and M. Schwarzländer. 2008. Establishment of the Swiss Biotype of the Ragwort Flea Beetle on Tansy Ragwort Infestations at Meadow Creek, Idaho. **Invasive Species in Natural Areas Conference**. Missoula, MT.

*Poster presentations*

Szűcs M., U. Schaffner and M. Schwarzländer. 2011. Post-introduction evolution in the biological control agent *Longitarsus jacobaeae* (Coleoptera: Chrysomelidae). **13th International Symposium on Biological Control of Weeds**, Waikoloa, HI.

Szűcs M. and M. Schwarzländer. 2010. Post-introduction evolution of the biological control agent *Longitarsus jacobaeae* (Coleoptera: Chrysomelidae). **Biocontrol for Nature Conference**. Northampton, MA.

Szűcs M. and M. Schwarzländer. 2009. Potential rapid evolution of the biological control agent *Longitarsus jacobaeae* (Coleoptera:Chrysomelidae). **Workshop: Synthesizing Ecology and Evolution for the Study of Invasive Species**. North Lake Tahoe, CA.

Szűcs M., C. L. Anderson, and M. Schwarzländer. 2007. Landscape genetics and climatic associations of flea beetle lineages, and implications for biocontrol of tansy ragwort. **Proceedings of the XII International Symposium on Biological Control of Weeds**. La Grande Motte, France.

Szűcs M., C. L. Anderson, and M. Schwarzländer. 2006. Landscape genetics and climatic associations of flea beetle lineages, and implications for biocontrol of tansy ragwort. **Entomological Society of America - Pacific Branch Meeting**, Maui, HI.  
*2<sup>nd</sup> prize in Ph.D. Graduate Student Poster Competition*

Töpfer S., Szűcs M., Lévy N., Kiss J. 2004 Initial spread by introduced *Diabrotica v. virgifera* towards maize fields. **Proceedings of the IOBC-IWGO meeting – Diabrotica: 10<sup>th</sup> subgroup**. Engelberg, Switzerland.