Jörg Schnecker

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Education

2014	PhD	Biology	University of Vienna
2010	Mag. rer. nat (MSc equivalent)	Ecology	University of Vienna

Work experience

2018-	Senior Postdoc: University of Vienna, Department of Microbiology and Ecosystem Research (PI FWF P30970-B32)
2015-2017	Post-Doctoral Researcher: University of New Hampshire, Department of Natural Resources and the Environment. (Advisor: Dr. A. Stuart Grandy)
2014-2015	Post-Doctoral Researcher: University of Vienna, Department of Microbiology and Ecosystem Science. (Advisor: Dr. Wolfgang Wanek)
2010-2014	**PhD-Thesis**, Dept. of Microbiology and Ecosystem Science, University of Vienna Title: “Enzyme activities and microbial community composition in soils from northern latitudes with special emphasis on cryoturbated arctic soils” Supervisor: Dr. Andreas Richter
2008-2010	**Diploma Thesis**, Dept. of Chemical Ecology and Ecosystem Research, University of Vienna Title: “Resource limitation of Decomposition: The role of fungi” Supervisor: Dr. Andreas Richter
2008-2009	Research assistant, Dept. of Chemical Ecology and Ecosystem Research, University of Vienna Advisors: Dr. Andreas Richter and Dr. Wolfgang Wanek
September 2007	Research assistant, Department of Forest Ecology and Soils, Federal Research and Training Center for Forests, Natural Hazards and Landscape (BFW) Advisors: Dr. Sophie Zechmeister-Boltenstern and Dr. Barbara Kitzler
July, August 2007	Research assistant, Dept. of Chemical Ecology and Ecosystem Research, University of Vienna Advisors: Dr. Andreas Richter

Teaching Experience

2016	Guest lecturer, “Environmental Soil Chemistry”, University of New Hampshire

2014	Co-Instructor, practical course: “Element cycles in terrestrial ecosystems”, University of Vienna
2009-2011	Teaching assistant, practical course: “Functional Ecology”, University of Vienna

Field experience

2010-2012	Sampling campaigns in the Siberian Arctic for 4-6 weeks in Summer
2009	Student field course in Western Siberia
2008-2010	Regular sampling campaigns at a beech-forest study site near Vienna
2008	Student field course in Costa Rica
2007	Student field courses in the European Alps

Presentations and Posters

1. **Schnecker J**, Grandy AS, Meeden DB, Calderon F, Cavigelli M, Lehman M and Tieman L. Does crop rotational diversity increase soil microbial resistance and resilience to drought and flooding? PICO, *EGU general assembly*, Vienna, Austria, April 2017
2. **Schnecker J**, and Grandy AS. Microbial foraging strategy is dependent on substrate concentration. Presentation (invited), University of Massachusetts, Amherst, Amherst, USA, February 2017
3. **Schnecker J**, and Grandy AS. Microbial foraging strategy is dependent on substrate concentration. Presentation, *SOMmic – Microbial Contribution and Impact in Soil Organic Matter, Structure and Genesis Workshop*, Leipzig, Germany, November 2016
4. **Schnecker J**, Grandy AS, Meeden DB, Calderon F, Cavigelli M, Lehman M and Tieman L. Does crop rotational diversity increase soil microbial resistance and resilience to drought and flooding? Poster, *ESA annual meeting*, Fort Lauderdale, USA, August 2016
5. **Schnecker J** and Grandy AS. Soil organic matter content: a non-liner control on microbial respiration in soils. Presentation, *EGU general assembly*, Vienna, Austria, April 2016
6. **Schnecker J,** Borken W, Schindlbacher A, Wanek W. Soil warming affects soil organic matter chemistry of all density fractions of a mountain forest soil. Poster, *EGU general assembly*, Vienna, Austria, April 2016
7. **Schnecker J** and Grandy AS. Soil organic matter content; a non-liner control on microbial respiration in soils, Poster, *AGU Fall meeting*, San Francisco, USA, December 2015
8. **Schnecker J**, Wild B, Takriti M, and Richter A. Microbial functions and processes in mineral subsoils, *SOM6*, Presentation, Charleston, USA, October 2014
9. **Schnecker J**, Wild B, Takriti M, Alves R, Gentsch N, Gittel A, Hofer A., Knoltsch A. Lashchinskiy N, Mikutta R, and Richter A. Enzyme patterns in topsoil and subsoil horizons along a latitudinal transect in Western Siberia, *Burning issues in soil science*, Presentation, Vienna, Austria, September 2014
10. **Schnecker J**, Wanek W, Takriti M and Schindlbacher A. Temperature sensitivity of microbial processes and functions in a long-term soil warming experiment. Presentation, *Biogeomon*, Bayreuth, Germany, July 2014
11. **Schnecker J**, Wild B, Hofhansl F, Alves R, Bárta J, Čapek P, Fuchslueger L, Gentsch N, Gittel A, Guggenberger G, Hofer A, Kienzl S, Knoltsch A, Lashchinskiy N, Mikutta R, Šantrůčková H, Shibistova O, Takriti M, Urich T, Weltin G, and Richter A. Microbial community composition and enzyme activities in

cryoturbated arctic soils are controlled by environmental parameters rather than by soil organic matter properties, Presentation, *EGU general assembly*, Vienna, Austria, April 2014

12. **Schnecker J**, Wild B, Alves R, Gentsch N, Gittel A, Hofer A, Knoltsch A, Lashchinskiy N, Mikutta M, Takriti M, and Richter A. Enzyme activities along a latitudinal transect in Western Siberia, Poster, *EGU general assembly*, Vienna, Austria, April 2014
13. **Schnecker J**, Wild B, Fuchslueger L, Hofer A, Mikutta R, Gentsch N, Guggenberger G, Rusalimova O, Richter A, and the CryoCARB team (www.cryocarb.org). Potential Enzyme Activities in Cryoturbated Arctic Soils. Poster, *AGU Fall meeting*, San Francisco, USA, December 2012
14. **Schnecker J**, Wild B, Richter A, Gittel A, Bárta J, and the CryoCARB team (www.cryocarb.org). Microbes and Enzymes in cryoturbated organic material of arctic soils. Presentation, *Soil Science for the Future*, Tulln, Austria, October 2012
15. **Schnecker J**, Wild B, Kaiser C, Richter A, Guggenberger G, Mikutta R, Shibistova O, Šantrůčková H, Bárta J, Diáková K, Čapek P, Urich T, Gittel A, Schleper C, Hugelius G, Kuhry P, and the CryoCARB team (www.cryocarb.org). Soil Organic Matter Stabilization in Cryoturbated Arctic Soils. Poster, *SOM5*, Ascona, Switzerland, October 2012
16. **Schnecker J**, Wild B, Kohl L, and Richter A. Chemical composition of soil organic matter in cryoturbated arctic soil. Poster, *ISMOM*, Montpellier, France, June 2011

Awards and Grants

1. Seasonal Dynamics of soil microbial C sequestration, PI, FWF P 30428-B32, 2017
2. Travel grant from the Faculty of Life Science, University of Vienna, 2014
3. Travel grant from the Faculty of Life Science, University of Vienna, 2012
4. Austrian Society for Polar Research Grant, 2010
5. University of Vienna Performance Scholarship, 2008

Professional Memberships

2016	Ecological Society of America
2014-present	European Geoscience Union
2013-present	Austrian Polar Research Institute
2013-present	Association of Polar Early Career Scientists – Austrian branch founding member
2012-present	Austrian Society for Soil Science
2012-2013, 2015	American Geophysical Union

Reviewer Activities

Manuscript Reviewer: Scientific Reports, PLoS ONE, Pedosphere, Molecular Ecology, Geoderma, SOIL, Soil Biology and Biochemistry, Biogeochemistry, European Journal of Soil Science, Nature Communications, ISME J, STOTEN, GCB

Project proposal Reviewer: OEAW ESS