Personal data

Date and place of birth: 27/05/1972, Innsbruck (Austria)
Nationality: Austria
Marital status: married, three children (✳99, ✳02, ✳10)
Private address: Blasius-Hoelzl-Weg 6, 6176 Voels, Austria
Languages: German (native), English (fluent)

University education

03/2006 **Doctor of natural sciences** (University of Innsbruck)

1999-2006 Doctoral studies in Biology (Botany, Limnology)
Thesis title: 'Comparative analyses of the primary succession on Central Alpine glacier forelands on inter- and intraspecific levels'

03/1999 **Master of natural sciences** (University of Innsbruck)
Thesis Title: 'Vegetation gradients and successional pattern on a glacier foreland in the Central Alps (Tyrol, Austria)'

1991 – 1999 Two semester studies in Biology at the University of Vienna

1991 – 1999 Studies in Biology at the University of Innsbruck

Research positions

Since 2016 **Scientific Collaborator**, Institute of interdisciplinary Mountain Research, Innsbruck (Austrian Academy of Sciences), in the project "Trophic assessment of ecosystem services provided by carabid beetles in agricultural land" funded by the Austrian Science Fund (FWF P 28578-B25)

2006 – 2016 **Scientific Collaborator**, Institute of Ecology, University of Innsbruck in various projects (funded by e.g. BMF, Austrian Science Fund, BBK, L'Oréal & Unesco)

2001 – 2006 **Scientific Collaborator**, Institute of Botany, University of Innsbruck
FWF project: 'New approaches in glacier foreland research: Comparative molecular genetic analysis of populations of *Saxifraga aizoides* and *Trifolium pallescens*'

Main areas of research

- Food-web ecology
- Trophic animal-plant interactions
- Agroecology and alpine glacier foreland research
- Insect – plant interactions

Academic prizes & recognitions

Academic prizes/awards received

07/2007 Award for outstanding scientific research 'For Women in Science' donated by L'Oréal & UNESCO

04/2006 Theodor-Körner Prize for outstanding research achivements

Overview on publication output and conference contributions

- currently 21 accepted/ published research papers in international ISI-ranked journals
- over 30 conference contributions

Additional Training

2006 – 2010 Courses covering public relations, congress organisation, scientific presentation; certificate of project management at the University of Innsbruck

Congress organisation

- IOBC Meeting, June 19 – 23 2011, Innsbruck, Austria
- DACH Meeting for eDNA applications and ABOL, December 5 – 7 2019, Innsbruck, Austria

Most important research projects in the past five years

1. *BioAWARE Could BIOdiversity Assure Weed regulAtion for Resilient Ecosystem service provision?* PI: M. Traugott. FACCE SURPLUS ERA-net EU project. 2017-2020.
2. *Trophic assessment of ecosystem services provided by carabid beetles in agricultural land*. PI: C. Wallinger, Co-PI: M. Traugott. Austrian Science Fund P28578-B25. 2016-2020.
3. *Flock also needs muck!* PI: D. Sint, Co-PI: C. Wallinger. Sparkling Science Project funded by the Austrian Research Promotion Agency. 2014-2016.
4. *The impact of primary succession on plant – herbivore interactions in Alpine glacier forelands*. PI: C. Wallinger. Project funded by the Alpine Research Centre Obergurgl. 2013.

Peer-reviewed papers in journals indexed by ISI Web of Knowledge in the last five years

1. Frei B, Guenay Y, Bohan D, Traugott M, Wallinger C (2019) Molecular identification of ecosystem service provision of carabid beetles in European cereal fields. Journal of Pest Science (submitted).
2. Sint D, Guenay Y, Mayer R, Traugott M, Wallinger C (2018) The effect of plant identity and mixed feeding on the detection of seed DNA in regurgitates of carabid beetles. *Ecology and Evolution* (in press).
3. Wallinger C, Staudacher K, Sint D, Thalinger B, Oehm J, Juen A, Traugott M (2017) Evaluation of an automated protocol for efficient and reliable DNA extraction of dietary samples. *Ecology and Evolution* doi/10.1002/ece3.3197.

4. Ye Z-P, Vollhardt I, Girtler S, Wallinger C, Tomanovic Z, Traugott M (2017) An effective molecular approach for assessing cereal aphid-parasitoid-endosymbiont networks. *Scientific Reports* 7: 3138.
5. Sint D, Sporleder M, Wallinger C, Zegarra O, Oehm J, Dangi N, Giri Y, Kroschel J, Traugott M (2016) A two-dimensional pooling approach towards efficient detection of parasitoid and pathogen DNA at low infestation rates. *Methods in Ecology and Evolution* 7(12): 1548-1557.
6. Wallinger C, Sint D, Baier F, Schmid C, Mayer R, Traugott M (2015) Detection of seed DNA in regurgitates of granivorous carabid beetles*. Bulletin of Entomological Research* 105(106): 728-735.
7. Gutermann W, Schneeweiss GM, Schönswetter P, Staudinger M, Wallinger C (2014) The vascular plants of Kálamos (Ionian Islands, Greece): a catalogue (Materials towards a Flora Ionica). *Phyton* 54(2): 161-196.
8. Wallinger C, Staudacher K, Schallhart N, Mitterrutzner E, Steiner EM, Juen A, Traugott M (2014) How generalist herbivores exploit belowground plant diversity in temperate grasslands. *Molecular Ecology* doi/10.1111/mec.12579.
9. Wallinger C, Staudacher K, Schallhart N, Peter E, Dresch P, Juen A, Traugott M (2013) The effect of plant identity and the level of plant decay on molecular gut content analysis in a herbivorous soil insect. *Molecular Ecology Resources* 13(1): 75-83.
10. Traugott M, Schallhart N, Staudacher K, Wallinger C (2013) Understanding the ecology of wireworms and improving their control: a special issue. *Journal of Pest Science* 86: 1-2. doi.org/10.1007/s10340-013-0482-1.
11. Staudacher K, Schallhart N, Thalinger B, Wallinger C, Juen A, Traugott M (2013) Plant diversity affects behaviour of generalist root herbivores, reduces crop damage and enhances crop yield. *Ecology Letters* doi.org/10.1890/13-0018.1