

CURRICULUM VITAE

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Date of birth: 21 October 1952
Place of birth: Kreuzlingen, Switzerland
Nationality: Swiss

Education:

Institution	Years	Degrees
<u>Sabbaticals:</u>		
Peking University and Institute of Botany, Chinese Academy of Sciences, Beijing (China)	2013	(J.-Y. Fang, K.-P. Ma)
CEFE, CNRS Montpellier (France)	2004/5	(J. Roy)
University of the Aegean, Mytilene (Lesbos, Greece)	2000	(A.Y. Troumbis)
Department of Organismic and Evolutionary Biology, Harvard University, Cambridge (U.S.A.)	2000	(F.A. Bazzaz)
Center for Population Biology, Imperial College at Silwood Park, Ascot (GB)	2000	(J.H. Lawton, C. Godfray)
<u>Postdoctoral:</u>		
Botanical Institute, University of Basel	1988	Habilitation (Botany)
Department of Organismic and Evolutionary Biology, Harvard University, Cambridge (U.S.A.)	1984-1987	(F.A. Bazzaz)
School of Plant Biology, University College of North Wales, Bangor (GB)	1981-1983	(J.L. Harper)
<u>Predoctoral:</u>		
Institute of Systematic Botany, University of Zurich, PhD-studies	1977-1980	Dr. phil. II (C.D.K. Cook)
University of Zurich, Studies in High-school teaching	1974-1976	Diploma for High-school teachers
University of Zurich, Studies in Biology, Chemistry and Mathematics	1972-1976	Diploma in Botany
Teachers training college, Kreuzlingen	1968-1972	Primary-school teacher

Teaching and research, positions:

- 2020-2021 Assisting the Vice President of Research, University of Zurich.
- 2018- Adjunct Professor, Peking University.
- 2018- Department of Geography and University Research Program Global Change and Biodiversity, University of Zurich.
- 2014-2016 Dean of the Faculty of Science, University of Zurich.
- 2013-2014 Visiting Professor, Institute of Botany, Beijing, Chinese Academy of Sciences Visiting Professorship for Senior International Scientists.
- 2013-2019 Co-director of University Research Priority Program “Global Change and Biodiversity”.
- 2012-2014 Directorate of Department of Evolutionary Biology and Environmental Studies.
- 2010-2018 Department of Evolutionary Biology and Environmental Studies, University of Zurich, Full professor. Biodiversity research, Population and Conservation biology, Environmental science; building up the new institute by joining previous Institute of Environmental Sciences with zoology institutes; teaching, supervisor of Diploma and PhD theses; curricula development and coordination.
- 2009-2018 Guest professorship, Peking University.
- 2009-2013 Vice Dean of the Faculty of Science, University of Zurich
- 2008-2012 Board of presidents of the Swiss National Science Foundation and president of the specialized committee for interdisciplinary research (FA-ID).
- 2006 Peking University / Chinese Academy of Sciences, Guest lecturer. Scientific writing.
- 2005 Peking University / Chinese Academy of Sciences, Guest lecturer. Designing and analyzing ecological experiments.
- 2004-2012 Swiss National Science Foundation: council member.
- 2002 Zurich University of Applied Sciences Winterthur. Guest lecturer. Introduction into the natural sciences for translators.
- 2000 Institute of Botany, University of Innsbruck (Austria), Guest lecturer. Statistics.
- 1999 Summer School Environmental Cartography, University of the Aegean (Lesbos, Greece), Guest lecturer. Biostatistics.
- 1997 Institute of Botany, University of Innsbruck (Austria), Guest lecturer. Population biology, Statistics.
- 1994-2009 Institute of Environmental Sciences, University of Zurich, Full professor and Director of the institute. Biodiversity research, Population and Conservation biology, Environmental science; building up the institute; teaching, supervisor of Diploma and PhD theses; curricula development and coordination.
- 1992-1994 Program in Conservation biology, University of Basel, Full professor. Population and Conservation biology; teaching, supervisor of Diploma and PhD theses; curricula development and installation.
- 1987-1992 Botanical Institute, University of Basel, Project group leader (Swiss National Science Foundation Professorship). Population biology and Experimental ecology of plants; teaching, supervisor of Diploma and PhD theses; statistics advisor.
- 1984-1987 Department of Organismic and Evolutionary Biology, Harvard University, Cambridge (U.S.A.), Postdoc (Swiss National Science Foundation Fellowship and Maria Moors Cabot Foundation Fellowship, Harvard University). Experimental plant ecology; support in building up the laboratory of F.A. Bazzaz.
- 1983-1984 Institute of Systematic Botany, University of Zurich, Research associate. Population biology and Demographic modeling; statistics advisor.
- 1981-1983 School of Plant Biology, University College of North Wales, Bangor (GB), Postdoc (Swiss National Science Foundation/Royal Society Fellowship). Population biology of grassland perennials, Statistics.
- 1978-1981 High-school, Baden. Biology.
- 1977-1981 Institute of Systematic Botany, University of Zurich, Research associate. Biosystematics of *Carex*-species; coordinator for data processing.
- 1976-1977 High-school, Sargans. Biology and Chemistry.

Committees:

- 2019- “Senatsausschuss Strategische Vorhaben”, Leibniz Gemeinschaft, Germany.
- 2018 Ad-hoc council member of the Swiss National Science Foundation.
- 2017- Steering Committee of “bioDISCOVERY”, a “Future Earth” project, Montreal, Canada.
- 2017-2022 Scientific Board of “TULIP Labex”, Toulouse, France.
- 2017-2021 Scientific Board of “DIVERSify”, Dundee, UK.
- 2017- Committee “Forschungsnetzwerke” of the Swiss Academy of Sciences, Bern.
- 2015- Advisory Board of the German “iDIV” Biodiversity Center, German Science Foundation DFG.
- 2015-2019 Advisory Board of the German “Biodiversity Exploratories”, German Science Foundation DFG.
- 2013 Panel for the Review and Assessment of the “One-Three-Five” Strategy of the Institute of Applied Ecology (IEA), Chinese Academy of Sciences.
- 2012- Steering Committee of the “Global Change Experimental Facility “(GCEF) “Biodiversity Exploratories”, “UFZ-Umweltforschungszentrum Leipzig-Halle GmbH”, Germany.
- 2009- Scientific Committee of the French CRNS “Ecotrons”, Montpellier, France.
- 2007 Assessment Committee for Alterra Environmental Sciences Group, Wageningen University and Research Centre.
- 2005-2008 “Forschungskommission / Gemeinsame Kommission Exzellenzinitiative” of German Science Foundation DFG.
- 2005-2006 Life-Science Panel for selection of EURYI-awards of the European Science Foundation.
- 2005 “Comité d'évaluation UMR 5175 CEFE – CNRS”, Montpellier.
- 2003-2008 Scientific Advisory Board of “UFZ-Umweltforschungszentrum Leipzig-Halle GmbH”, Germany.
- 2002 “Evaluationskomitee zur Analyse der Umweltwissenschaften an Hochschulen in Niedersachsen”.
- 2001-2004 Steering Committee DIVERSITAS (2001 Co-Chair).
- 2000-2016 Planning Commission / Steering Committee of the Faculty of Mathematics and Science, University of Zurich.
- 2000- Zurich Botanical Society (President 2000-2004).
- 2000 “Comité d'évaluation Laboratoire d'Ecologie CNRS UMR 7625”, Université Pierre et Marie Curie, Paris.
- 1999-2014 Swiss Biodiversity Forum (Founding President 1999-2001).
- 1999-2014 Director of PhD Program Ecology (Life Science Zurich Graduate School).
- 1999-2003 Research Commission of the Swiss Academy of Science (President).
- 1999-2003 Gender Commission of the State of Zurich.
- 1998-2018 Zurich-Basel Plant Science Center (President 2003-2004).
- 1998-2004 Gender commission of the University of Zurich.
- 1998-2002 Commission for Continued Formation of the University of Zurich.
- 1994-2005 Environmental Science Commission of the University of Zurich (President).
- 1993-2001 Environmental Science Commission of Swiss University Conference.
- 1993-1996 Swiss Inter-Departmental Committee IDARio.
- 1993-1994 Swiss Committee Mobility in Biology.
- 1992-1995 Council for Population Biology, Ecological Society of German Speaking Countries.
- 1991-1999 Swiss Commission for Biology (President 1993-1999).

Editorial Boards:

2022-	Co-Editor Grassland Research.
2016-	Editorial Board eLife.
2010-	Faculty 1000 (Ecology).
2007-	Editor-in-Chief Journal of Plant Ecology.
2004-2018	Editor Basic and Applied Ecology.
1997-2012	Editorial Board Perspectives in Plant Ecology, Evolution and Systematics.
1997-2007	Editorial Board Folia Geobotanica.
1996-2007	Editorial Board Flora.
1995-2014	Editorial Board Oecologia.
1994-2010, 18-22	Editorial Board Gaia.
1994-2003	Associate Editor Journal of Ecology.
1992-1996	Editorial Board Vegetation Science.

Awards and prizes:

2023	National Champion Frontiers Planet Price (Lausanne, Switzerland)
2022	Beijing Zhongguancun International Cooperation Award (Beijing, China)
2022, 2023	Top Ecology and Evolution Scientist in Switzerland (Research.com)
2020	BES Eminent Ecologist 2020
2020	GfÖ Honorary Medal (first year of price)
2019	Highly Cited Researcher 2019 Cross-Field (Web of Science Group).
2017	Top reviewers for Multidisciplinary (Publons Peer Review Awards 2017).
2017	2017 Highly Cited Researcher Environment and Ecology (Clarivate Analytics).
2016	ISI highly cited researcher.
2013-2014	Chinese Academy of Sciences Visiting Professorship for Senior International Scientists.
2009-	Guest professorship Peking University.
2007	ISI highly cited researcher.
2005-2011	13-th-best European plant scientist according to publication analysis in Lab Times.
1999-2005	Twelfth-best European plant scientist according to publication analysis in Lab Times.
1996-2007	Sixth-best European ecologist according to publication analysis in Lab Times.
1987-1992	“START”-career development award (corresponding to assistant professorship) of the Swiss National Science Foundation.
1986-1987	Maria Moors Cabot Foundation Fellowship, Harvard University.
1984-1986	Swiss National Science Foundation Fellowship for Advanced Postdocs.
1981-1983	Swiss National Science Foundation/Royal Society Fellowship for Early Postdocs.
1972	Price for project in competition “Schweizer Jugend forscht”.

Research grants and projects:

- 2020- University Research Priority Programme “Global Change and Biodiversity”, University of Zurich.
- 2019- Research project “Jena Experiment” (<http://www.the-jena-experiment.de/>) of the German Science Foundation DFG (advisor and founding member).
- 2017-2020 Research project “Population Epigenomics, Phenotypic Plasticity and Environmental Adaptation” of the University Research Priority Programme “Evolution in Action”, University of Zurich (together with U. Grossniklaus).
- 2016- Research project “BEF-China” (<https://bef-china.com/>), Institute of Botany of Chinese Academy of Sciences (Beijing, China) and others (advisor and founding member).
- 2016-2018 Research project “Fundamental biological causes of changing plant diversity–productivity relationships” of the Swiss National Science Foundation, University of Zurich.
- 2016-2018 Research project “Exploring mechanisms underlying the relationship between biodiversity and ecosystem functioning” of the German Science Foundation DFG, Universities of Jena (Germany), Zurich and others (co-applicant of central project of research group).
- 2013-2017 Research project “Diversity and primary productivity in subtropical forests—fixing carbon to mitigate climate change” of the European Community (IDP BRIDGES, Marie Curie Initial Training Network (ITN)), University of Zurich.
- 2013-2019 University Research Priority Programme “Global Change and Biodiversity”, University of Zurich (co-chair).
- 2013-2016 Research project “Investigating the importance of epigenetics in adaptation and coevolution” of the University Research Priority Programme “Evolution in Action”, University of Zurich (together with U. Grossniklaus, O. Petchey and F. Schiestl).
- 2013-2016 Research project “Exploring mechanisms underlying the relationship between biodiversity and ecosystem functioning” of the German Science Foundation DFG, Universities of Jena (Germany), Zurich and others (co-applicant of central project of research group).
- 2013-2016 Research project “Epigenetic contributions to hybrid vigor in apomictic offspring” of the Zurich-Basel Plant Science Center (Syngenta), Universities of Zurich and Basel (together with U. Grossniklaus).
- 2013 Research semester “Synthesis research of two integrated biodiversity projects” of the Swiss National Science Foundation, University of Zurich.
- 2011-2015 Research project “The role of tree and shrub diversity for production, erosion control, element cycling, and species conservation in Chinese subtropical forest ecosystems” of the German Science Foundation DFG, Universities of Halle (Germany), Zurich and others (co-applicant of central project of research group).
- 2011-2014 Research project “Soil Biodiversity and Functioning of Agricultural Ecosystems: Developing Science for Evidence Based Policy” of the Swiss National Science Foundation, University of Zurich (together with M. van der Heijden).
- 2011-2014 Research project “Aboveground primary production in forest ecosystems as a function of species diversity and composition” of the German Science Foundation DFG, University of Zurich (main applicant P. Niklaus).
- 2010-2016 Research project “Plant–soil feedback/Microbial ecology” of the German Science Foundation DFG, Heteren (Netherlands; main applicant G. B. de Deyn).
- 2010-2016 Research project “Community history and ecosystem functioning” of the Swiss National Science Foundation, University of Zurich.
- 2010-2013 Research project “Mechanisms underlying plant community productivity, assembly and stability” of the Swiss National Science Foundation, University of Zurich.
- 2010-2013 Research project “Functional significance of forest biodiversity in Europe (FUNDIV)” of the European Community, University of Zurich.
- 2010-2011 Cooperation project “Joint field course alpine grasslands” of the Sino-Swiss Science and Technology Cooperation program, University of Zurich.
- 2009-2012 Research project “Biodiversity And Climate Change, A Risk Analysis (BACCARA)” of the European Community, University of Zurich.

- 2009-2011 Research project “Effects of forest biodiversity and climate on ecosystem carbon flux” of the Swiss National Science Foundation, Sino-Swiss Science and Technology Cooperation program, University of Zurich.
- 2009-2011 PhD training project “Plant sciences and policy” of the Swiss National Science Foundation, Prodoc program, Universities of Zurich, Basel and ETH-Zurich (main applicant U. Grossniklaus).
- 2009 Research project “Characterization of epigenetic changes in ecological systems under selection” of the University of Zurich Research Priority Program Systems Biology / Functional Genomics, University of Zurich (main applicant C. Heichinger).
- 2008-2011 Research project “The role of tree and shrub diversity for production, erosion control, element cycling, and species conservation in Chinese subtropical forest ecosystems” of the German Science Foundation DFG, Universities of Halle (Germany), Zurich and others (co-applicant of central project of research group).
- 2008-2011 Research project “Decision-making in plants: resource allocation to mycorrhizal hyphal networks” of the Zurich-Basel Plant Science Center (Syngenta), Universities of Zurich and Basel.
- 2008-2011 Research project “Aboveground primary productivity in forest ecosystems as a function of species richness and composition” of the German Science Foundation DFG, University of Zurich.
- 2008-2010 Research project “Effect of plant diversity on ecosystem functions in grassland: the role of roots” of the German Science Foundation DFG, Universities of Jena and Zurich.
- 2008-2009 Research project “Plant interaction networks” of the Swiss National Science Foundation, SystemsX.ch program, University of Zurich.
- 2008-2009 Research project “Integration of phenomic and genomic data of ecological systems under selection” of the University of Zurich Research Priority Program Systems Biology / Functional Genomics, University of Zurich (main applicant U. Grossniklaus).
- 2007-2011 Research project “Influence of abiotic and biotic environment on the ecological performance of GM and non-GM wheat” of the Swiss National Science Foundation, University of Zurich.
- 2006-2010 Research project “BioCycle — Biodiversity and biogeochemical cycles: a search for mechanisms across ecosystems” of the ESF EUROCORES EuroDIVERSITY Programme and the Swiss National Science Foundation, CEFÉ Montpellier, University of Zurich and others (co-applicant).
- 2005-2010 Research project “Mechanisms promoting biodiversity effects and species coexistence in plant communities” of the Swiss National Science Foundation, University of Zurich.
- 2005-2008 Research project “The role of community assembly processes in biodiversity–ecosystem functioning experiments” of the German Science Foundation DFG, Universities of Jena and Zurich.
- 2005-2008 Research project “Functional traits and plasticity of Plant Functional Types (PFT) in experimental grasslands” of the German Science Foundation DFG, Universities of Jena and Zurich.
- 2004-2006 Swiss Virtual Campus project “Short Course Plant Responses to Stress” of the Swiss Office for Education and Research and the University of Zurich.
- 2003 International workshop “Evolutionary ecology of the pre-zygotic stage in animals and plants” of the Centro Stefano Francini, Monte Verità, Ascona.
- 2002-2005 Research project “DivBASE”, a SCOPE Science Synthesis Project about consequences of biodiversity loss on ecosystem functioning and services, Swiss Biodiversity Forum.
- 2002-2004 Research project “How plant population processes mediate biodiversity effects on ecosystem functioning” of the German Science Foundation DFG, Universities of Jena and Zurich.
- 2001-2004 Research project “Effects of diversity in experimental communities of early- or mid-successional species” of the Swiss National Science Foundation, University of Zurich.
- 2001-2004 Research project “BioCASE” of the European Community, University of Zurich.
- 2000-2009 Research project “BIODEPTH: Biodiversity and ecological processes in terrestrial herbaceous ecosystems: experimental manipulations of plant communities” follow-up studies, University of Zurich.

- 2000-2001 Research project “Integration of MCO Biodiversity activities into the Swiss Biodiversity Forum” of the Swiss National Science Foundation, Universities of Basel and Zurich (main applicant T. Boller).
- 2000-2001 Research project “Biodiversity and ecosystem responses to elevated CO₂ in calcareous grassland” of the Swiss National Science Foundation, Universities of Basel and Zurich (main applicant C. Körner).
- 1999-2000 Research project “Das Synthesebuch des Integrierten Projektes Biodiversität” of the Swiss National Science Foundation, University of Zurich.
- 1997-2001 Research project “Conservation genetics of the Bearded Vulture (*Gypaetus barbatus*)” of the Swiss National Science Foundation, University of Zurich (main applicant J. P. Müller).
- 1997-2000 Research project “Life-history evolution in clonal plants” of the Swiss National Science Foundation, University of Zurich.
- 1996-1999 Research project “Population dynamic mechanisms in ecosystem responses to global change, particularly elevated CO₂” of the Swiss National Science Foundation, University of Zurich.
- 1996-1999 Research project “Population biology of declining grassland species: experimental analysis of population processes” of the Swiss National Science Foundation, University of Zurich (main applicant D. Matthies).
- 1996-1999 Research project “Local ecological knowledge of Swiss farmers and its influence on actual land-use behavior” of the Swiss National Science Foundation, University of Zurich (main applicant H.-P. Müller).
- 1996-1999 Research project “Biodiversity and ecological processes in terrestrial herbaceous ecosystems: experimental manipulations of plant communities” of the European Community, University of Zurich.
- 1996-1999 Research project “Analysis of the results of biodiversity research as a basis for broadening economic theory: an exemplary study to develop sustainable strategies in a regional socio-economic context” of the Swiss National Science Foundation, University of Zurich (main applicant I. Seidl).
- 1996-1998 Research project “Natural rainforest clearings and the population biology of large mammals” of several foundations, University of Zurich.
- 1995-1996 Research project “Plant processes and biodiversity in ecosystem response to global climate change” of the European Community, University of Zurich.
- 1994-1998 Research project “Wetland ecology”, University of Zurich.
- 1994-1997 Research project “Life-history evolution in clonal plants” of the Swiss National Science Foundation, University of Zurich.
- 1994-1995 Research project “Biodiversität und Gesellschaft” of the Foundation Mensch-Gesellschaft-Umwelt, University of Basel (main applicant W. Polasek).
- 1993-1996 Research project “Die Auswirkungen von erhöhtem Kohlendioxid-Gehalt der Atmosphäre auf die alpinen Ökosysteme” of the Swiss National Science Foundation, University of Basel (main applicant C. Körner).
- 1993-1995 Research project “Plant species diversity in complex grassland ecosystems under elevated CO₂” of the Swiss National Science Foundation, University of Basel (main applicant C. Körner).
- 1993-1995 Research project “Habitat fragmentation: experimental assessment of population viability and changes in species diversity” of the Swiss National Science Foundation, University of Basel (main applicant B. Baur).
- 1993-1995 Research project “Genetic and demographic variation of specialists and generalists: implications of contrasting population biologies on biodiversity under environmental change” of the Swiss National Science Foundation, University of Basel.
- 1993-1995 Research project “Experimental population biology of rare plants” of the Swiss National Science Foundation, University of Basel (main applicant D. Matthies).
- 1991-1994 Research project “A mechanistic approach to plant ecology” of the Swiss National Science Foundation, University of Basel.
- 1991-1993 Research project “Auswirkungen atmosphärischer Veränderungen auf die alpine Vegetation” of the Swiss National Science Foundation, University of Basel (main applicant C. Körner).

- 1988-1991 Research project “Experimental ecology of clonal plants” of the Swiss National Science Foundation, University of Basel.
- 1987-1992 “START”-career development award of the Swiss National Science Foundation, Population biology and experimental ecology of plants, University of Basel.
- 1986-1987 Maria Moors-Cabot Foundation, Plant ecology, Harvard University (Cambridge, U.S.A.).
- 1984-1986 Swiss National Science Foundation, Plant ecology, Harvard University (Cambridge, U.S.A.).
- 1981-1983 Royal Society and Swiss National Science Foundation, Population biology of plants, University College of North Wales (Bangor, GB).

Supervised Diploma theses:

- 42) Ravaoli, M. (2009). Die Darstellung von Natur in Broschüren und Webauftritten von Schweizer Tourismusdestinationen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 41) Briegel, R. (2007). Ästhetische Wertschätzung der Agrarlandschaft – ein Vergleich zwischen Berggebiet und Mittelland. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 40) Hauser, A. (2006). Bedeutung der Artenvielfalt für den Sommertourismus – eine Befragung von Tourismussachverständigen und Sommergästen in ausgewählten Berggemeinden des Kantons Graubünden. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 39) Pfister, C. (2005). Landwirtschaftliche und sozioökonomische Vielfalt in den Schweizer Alpen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 38) Jordi, A. (2005). *Gagea pratensis* (Pers.) Dumort.: a species retreating from Switzerland: population biology of the former field weed and now endangered species with implications for conservation. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 37) Göpfert, R. (2005). Einstellungen von Landwirten zum ökologischen Ausgleich in der Schweiz. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 36) Meyer, D. (2005). Lernerfolg und Lernzufriedenheit im Vergleich zwischen E-Learning und Vorlesung und die Bedeutung von Lerntypen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 35) Rahm, S. (2003). Comparison of invasive European and native American taxa of the *S. canadensis* complex, in respect to some taxonomic features and their response to herbivory. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 34) Schweizer, S. (2002). Umwelt und Natur in der heutigen Stadtentwicklung. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 33) Breitingner, P. (2002). Beurteilung der bakteriellen Diversität von Böden unterschiedlicher pflanzlicher Diversität mit chemotaxonomischen und molekularbiologischen Methoden. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 32) Von Foerster, A. (2001). Phylogeographische Analyse von Feldmauspopulationen (*Microtus arvalis*) in der Schweiz und angrenzenden Gebieten. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 31) Ranft, M. (2001). Der Einfluss der Hemiparasiten *Rhinanthus alectorolophus* und *Melampyrum arvense* auf die Produktivität und Struktur von Wiesen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 30) Wipf, S. (2000). Beweidung von subalpinen Mähdern: Erhaltung oder Ende der blumenreichen Bergwiesen? Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 29) Ryser, J. (2000). Metallmobilisierung aus Pflanzenbefall der Phytoremediation. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 28) Oetiker, K. (2000). Auswirkungen der Verbrachung auf die Artenzusammensetzung und das Wachstum von Niedermoorpflanzen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 27) Lienert, J. (2000). The effects of habitat fragmentation on the population structure, survival and genetic diversity of *Swertia perennis*, a rare but locally abundant fen species. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.

- 26) Hock, M. (2000). Effects of habitat fragmentation on self-incompatibility and early inbreeding depression: the case of the narrow endemic *Cochlearia bavarica*. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 25) Hauser, U. (1999). Einfluss von erhöhtem CO₂ und unterschiedlicher Diversität auf die Keimung von Wildkräutern. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 24) Kamer, T. (1998). Informelle Umweltbildung im Tierpark Goldau – eine Evaluation der Informationsvermittlung und der Erwartungen des Publikums. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 23) Wettstein, W. (1998). Diversität von Arthropoden in montanen Flaschmooren: Einfluss von Höhenlage, Bewirtschaftung und Fragmentierung auf Heuschrecken und Tagfalter. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 22) Spielmann, H.-H. (1998). Untersuchungen zur Populationsbiologie von *Primula veris* L. s.str. und *Gentiana lutea* L. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 21) Calegari, D. (1998). Demographie von *Melampyrum arvense* (Scrophulariaceae) in drei neugeschaffenen Populationen in Halbtrockenrasen. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 20) Gall, R. (1997). Maternelle Effekte und genetische Variation von *Bromus erectus* in der Reaktion auf erhöhtes CO₂ und Trockenstress. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 19) Paland, S. (1996). Effects of selfing, intra- and interpopulation crossing on reproductive traits in small and large populations of *Gentianella germanica*. Diploma thesis, Botanisches Institut, University of Basel.
- 18) Fritsche, F. (1996). Demography of a generalist and a specialist species of the plant genus *Prunella*. Diploma thesis, Botanisches Institut, University of Basel.
- 17) Plattner, M. (1996). Diversität und Artenzusammensetzung der Vegetation in Flachmooren in Abhängigkeit von Nutzung, Höhenlage, Flächengrösse und verschiedenen Bodenparametern. Diploma thesis, Botanisches Institut, University of Basel.
- 16) Binder, C. (1996). Das kompetitive Verhalten verschiedener Arten in künstlichen Wiesensystemen unterschiedlicher Diversität. Diploma thesis, Botanisches Institut, University of Basel.
- 15) Schreiber, A. (1996). Effekte von Diversität und Nachbardichte auf den Weissklee *Trifolium repens* L.: Experimente mit verschiedenen Ökotypen. Diploma thesis, Botanisches Institut, University of Basel.
- 14) Di Giulio, M. (1996). Die phytophage Insektengemeinschaft des Teufelsabbiss (*Succisa pratensis*). Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 13) Bühler, C. (1996). Populationsstruktur und Morphologie von *Succisa pratensis* Moench in Flachmooren unterschiedlicher Bewirtschaftung und Höhenlage. Diploma thesis, Botanisches Institut, University of Basel.
- 12) Heeb, A. (1996). Efficiency of waste-water purification by aquatic macrophytes. Diploma thesis, Institut für Umweltwissenschaften, University of Zurich.
- 11) Müller, I. (1995). On the effect of nutrient availability on biomass allocation patterns in 27 species of small herbaceous, clonal plants—an experimental study. Diploma thesis, Botanisches Institut, University of Basel.
- 10) Kéry, M. (1995). Einfluss der Populationsgrösse auf die Reproduktion der Magerrasenarten *Gentiana lutea* L. und *Primula veris* L. Diploma thesis, Botanisches Institut, University of Basel.
- 9) Joshi, J. (1994). Patterns of plant species diversity in habitat fragments and effects of isolation and fragment size on plant reproduction. Diploma thesis, Botanisches Institut, University of Basel.
- 8) Wille, P. (1994). Experimentelle Demographie und Ökologische Genetik einer Population von *Erigeron annuus* (Compositae). Diploma thesis, Botanisches Institut, University of Basel.
- 7) Prati, D. (1994). Self-parasitization in *Rhinanthus*: A model to study potential mechanisms of physiological integration in clonal plants. Diploma thesis, Botanisches Institut, University of Basel.
- 6) Birrer, A. (1994). Genetisch-ökologischer Vergleich zwischen einem Spezialisten (*Prunella grandiflora* L.) und einem Generalisten (*Prunella vulgaris* L.). Diploma thesis, Botanisches Institut, University of Basel.

- 5) Dolt, C. (1991). Effects of maternal and paternal environment and genotype on offspring phenotype in the perennial plant *Solidago altissima* L. Diploma thesis, Botanisches Institut, University of Basel.
- 4) Stoll, P. (1991). Ursachen der Grössenvariabilität in einer Hochmoor-Population von *Pinus silvestris* L. Diploma thesis, Botanisches Institut, University of Basel.
- 3) Martinez, S. (1991). Einflüsse der mütterlichen Umwelt und der Samengrösse auf das Rosettenwachstum von *Centaurea maculosa*. Diploma thesis, Botanisches Institut, University of Basel.
- 2) Egli, P. (1990). Sprossentwicklung und physiologische Ökologie von *Solidago altissima*. Diploma thesis, Botanisches Institut, University of Basel.
- 1) Rohrer, S. (1989). Kronen- und Stammuntersuchungen an sechs Fichten (*Picea abies* L. Karst.) an der Lägeren bei Wettingen. Diploma thesis, Botanisches Institut, University of Basel.

Supervised Master theses:

- 54) Goldberg, L. (2018). Plastic in organic waste in Switzerland: material flows and consequences. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 53) Young, C. (2017). Approach and avoidance strategies of adult female orangutans. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 52) Xu, T. (2017). Phenotypic variation among plants under repeated drought. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 51) Wiedmer, A. (2017). Spatiotemporal dynamics of a riparian plant along three floodplains in the Swiss Alps. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 50) Ingold, K. (2017). Ash dieback disease severity and the environment – a case study in canton Bern. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 49) Boivin, D. (2017). Humans and environment: giving time a bit of space. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 48) Sostizzi-Graf, T. (2016). Sustainable and future oriented cocoa production in Ghana: analysis of the initiatives of two Swiss chocolate manufacturers. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 47) Reyhanloo, T.S. (2016). How to best encourage private sector investors to invest in Land Degradation Neutrality. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 46) Malik, S. (2016). Toxic pesticide exposure on the Hawaiian Islands. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 45) Kanchanarak, T. (2016). An analysis of mangrove restoration projects in South-Western Thailand. Master thesis, Department of Evolutionary Biology and Environmental Studies, University of Zurich.
- 44) Hess, K. (2015). Ecological evaluation of the success of the restoration project of the Wutach river. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 43) Ghazzaoui, A. (2015). Genotypic and phenotypic diversity in plant communities in a biodiversity experiment. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 42) Valtat, A. (2014). Nonstructural carbohydrate use and allocation during drought in tropical seedlings. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 41) Peng, S. (2014). Effects of plant diversity on leaf area index in subtropical forest in China. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 40) Nguyen Phuoc, C.L. (2014). Selection for monoculture/mixture phenotypes enhances/reduces resistance against fungal pathogens in grassland species. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 39) Knoth, R. (2014). Farmers` and experts` attitudes towards the new agricultural policy AP 14-17 in Switzerland. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.

- 38) Oehri, J. (2013). Investigating the relationships among biodiversity, land use and ecosystem services: selection and comparative analysis of specific terrestrial sites in Switzerland. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 37) Wang, Y.-C. (2012). Canopy structure and leaf-area dynamics in a subtropical forest in China. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 36) Stecher, R. (2012). Where do microhabitats of the free-living algae *Dictyochloropsis reticulata* occur and do they overlap with suitable establishment sites for the lichen *Lobaria pulmonaria*? Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 35) Raschein, U. (2012). Cascading effects of gradual herbivore exclusion on soil arthropods in subalpine grasslands of different productivity. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 34) Emmerth, D. (2012). Effects of tree species richness on leaf demography and leaf-area dynamics in a subtropical forest. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 33) Barendregt, C.E. (2012). Plant-symbiont interaction in the rhizosphere: is there a beneficial effect of symbiont diversity on plant productivity and coexistence? Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 32) Ruiz Mendoza, S. C. (2011). Is disease the key to maintaining biodiversity? Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 31) Rieben, S. (2011). Gene flow between genetically modified (GM) and conventional wheat. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 30) Nägeli, S. (2011). Ecological performance of F1 and F2 offspring hybrids of transgenic wheat resistant to powdery mildew. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 29) Bollinger, R. (2011). How biodiversity impacts carbon input and output of Chinese sub-tropical forest ecosystems under climate change. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 28) Züst, T. (2010). Costs and benefits of resistance: size-corrected growth rate of knockout mutants. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 27) Zupping-Dingley, D. (2010). Invasive plant species held in check by negative feedbacks in home ranges. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 26) Waibel, E. A. (2010). Mixed effects of ingestion by the Aldabran giant tortoise (*Aldabrachelys gigantea*) on the germination of alien plant species on the Mascarene Islands. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 25) Sedlacek, J. (2010). Demography and inbreeding depression in the rare, endemic *Echium wildpretii* (Boraginaceae). Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 24) Roth, B. (2010). People's perception and knowledge of and attitudes towards non-indigenous invasive plant species in Switzerland. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 23) Marty, T. (2010). Will natural gardening lead to an increase of ecological and aesthetical values of a garden? Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 22) Lukomska, N. (2010). The economic value of real options in biodiversity management — the case of bush encroachment control in semi-arid rangelands. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 21) Last, L. (2010). Aeromicrobiology—vertical and horizontal distribution of particle and microbes in forests. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 20) Kundela, A. (2010). Leaf Area Index estimation and radiation interception measurement in Chinese subtropical forest: assessment of methods in heterogeneous topography. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.

- 19) Iniguez Gallardo, V. (2010). The influence of the media on people's environmental knowledge in southern Ecuador. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 18) Ferrari, A. (2010). Biological weed control with soil fungi. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 17) Chen, Y. (2010). The interaction between belowground enemy release and resource availability in plant invasions. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 16) Capelli, R. (2010). The role of financial institutions and their policies on biodiversity conservation and development trade-offs. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 15) Arslan, T. (2010). Pollen and seed longevity in GM and non-GM wheat. Master thesis, Institute of Evolutionary Biology and Environmental Studies, University of Zurich.
- 14) Riesen, M. (2009). Plant-pollinator network assembly along the chronosequence of the glacier foreland Morteratsch (Swiss Alps). Master thesis, Institute of Environmental Sciences, University of Zurich.
- 13) Nates, J. (2009). Children's Knowledge, Perception and Appreciation of Native and Non-native Plant and Animal Species in Valle Fértil, Argentina. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 12) López, A. (2009). Influence of *Pseudomonas kilonensis* / *brassicacearum* on Growth of Plants and Fungi
- 11) Knecht, S. (2009). Benefits and Challenges of Forest Education in Primary Schools in the Canton of Zurich, Switzerland. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 10) Keller, D. (2009). People's Attitudes towards the Role of Forests and their Perception of Forest Diversity – a Cross-Cultural Comparison between China and Switzerland. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 9) Li, X. (2008). Functional strategies of subtropical forest in China. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 8) Hyseni, M. (2008). Perception of and attitudes towards biodiversity by experts and lay persons in Kosovo — A key to conservation. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 7) Cottle, L. (2008). Teacher attitudes and pedagogical strategies towards using school grounds as settings for ecological education. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 6) Bühler, D. (2008). Rapid colonization of *Carex acuta* in specialized lakeshore community at Lake Constance. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 5) Zeller, S. (2007). Host-plant selectivity of rhizobacteria in a crop–weed model system. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 4) Tamir, D. (2007). Motives for introducing species: Palestine's carp as a case study. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 3) Overturf, A. (2007). The over-wintering abundance of arthropods within rotationally mown meadows. Master thesis, Institut für Umweltwissenschaften, University of Zurich.
- 2) Monroe, M. (2007). Natural catastrophe modeling: enhancement and extension of a preexisting model. Master thesis, Institute of Environmental Sciences, University of Zurich.
- 1) Cavalcanti, C. (2007). Participatory politics with small-scale fishermen: effects on perceptions, beliefs and willingness to contribute. Master thesis, Institute of Environmental Sciences, University of Zurich.

Supervised PhD theses:

- 77) Hermann, A. (2019). Transgenerational Inheritance of Phenotypic and Epigenetic Traits in Clonal Offspring. PhD thesis, University of Zurich.
- 76) Fabbri, C. (2018). Microbial Metal Mobilization from Metal-Containing Solids: A Study of *Penicillium*, *Halothiobacillus* and *Pseudomonas*. PhD thesis, University of Zurich.

- 75) Van Moorsel, S.J. (2017). Community evolution increases ecosystem functioning and stability. PhD thesis, University of Zurich.
- 74) Losapio, G. (2017). Plant interaction networks — spatial dynamics, robustness and scaling up to pollinators. PhD thesis, University of Zurich.
- 73) Huang, Y. (2017). Biodiversity and primary productivity in subtropical forests—fixing carbon to mitigate climate change. PhD thesis, University of Zurich.
- 72) Hahl, T. (2017). Testing for co-adaptation of plants and soil organisms in a biodiversity experiment. PhD thesis, University of Zurich.
- 71) Pellkofer, S. (2015). Soil biodiversity and ecosystem functioning. PhD thesis, University of Zurich.
- 70) de Luca, E. (2015). Mechanisms underlying plant community productivity, stability and assembly. PhD thesis, University of Zurich.
- 69) Brezzi, M. (2015). Influence of tree species richness on arthropod community patterns and foliar herbivory plus allometric equations to predict tree biomass. PhD thesis, University of Zurich.
- 68) Zuppinger-Dingley, D. (2014). The role of selection within plant communities for ecosystem functioning. PhD thesis, University of Zurich.
- 67) Nates, J. (2014). People's familiarity with and attitudes towards native and exotic plant and animal species – case studies from Argentina, Colombia and China. PhD thesis, University of Zurich.
- 66) Fergus, A. (2014). Complementary assembly processes across biodiversity gradients. PhD thesis, University of Zurich.
- 65) Baruffol, M. (2014). Aboveground primary productivity in forest ecosystems as a function of species richness and composition. PhD thesis, University of Zurich.
- 64) Kalinina, O. (2013). Ecology of genetically modified wheat. PhD thesis, University of Zurich.
- 63) Frascaroli, F. (2013). Sacred sites for the conservation of biodiversity. PhD thesis, University of Zurich.
- 62) Cozzi, G. (2013). Patterns of habitat use and segregation among African large carnivores. PhD thesis, University of Zurich.
- 61) Argüello García, A. (2013). Plant decision-making in the arbuscular mycorrhizal symbiosis: the role of spatial structure, nutrient availability and partner identity. PhD thesis, University of Zurich.
- 60) Züst, T. (2012). Insect herbivores as drivers of natural selection. PhD thesis, University of Zurich.
- 59) Gregorowius, D. (2012). Ethical arguments of experts and laypersons in the ecological debate on the use of GM crops in Swiss agriculture. PhD thesis, University of Zurich.
- 58) Zeller, S. (2011). Ecology of genetically modified wheat: performance, resistance costs, mixture effects and gene flow. PhD thesis, University of Zurich.
- 57) Von Burg, S. (2011). Transgenic wheat and non-target impacts on insect herbivores and food webs. PhD thesis, University of Zurich.
- 56) Lipowsky, A. (2011). Functional trait diversity of herb species in the Jena Experiment: plastic responses or genetic variability? PhD thesis, University of Zurich.
- 55) Li, X. (2011). Light-use strategies and biomass accumulation of woody species in a subtropical forest in southwest China. PhD thesis, University of Zurich.
- 54) Schulz, T. (2010). Modeling the impact of landscape resources on local policy decision, local development and local economy. PhD thesis, University of Zurich.
- 53) Junge, X. (2010). Human preferences for biodiversity in agricultural landscapes. PhD thesis, University of Zurich.
- 52) Brandes Amman, A. (2010). Diversity of the genus *Bacillus* and the occurrence of bacterial endospores in soil, with special reference to *Bacillus anthracis*. PhD thesis, University of Zurich.
- 51) Paul-Victor, C. (2009). Seed size, growth and flowering strategy in annual plants. PhD thesis, University of Zurich.
- 50) Petermann, J.S. (2009). On biodiversity in grasslands: coexistence, invasion and multitrophic interactions. PhD thesis, University of Zurich.
- 49) Moradi, H. (2009). Biodiversity, climate change and environmental impact assessment. PhD thesis, University of Zurich.
- 48) Marquard, E. (2009). Mechanisms of biodiversity–productivity relationships. PhD thesis, University of Zurich.

- 47) Home, R. (2009). The social value of urban nature in Switzerland. PhD thesis, University of Zurich.
- 46) Fakheran, S. (2009). Effects of landscape characteristics on fragmented wetland plant communities and experimental metapopulations of *Arabidopsis thaliana*. PhD thesis, University of Zurich.
- 45) Wacker, L. (2007). Mechanisms explaining biodiversity–ecosystem functioning relationships. PhD thesis, University of Zurich.
- 44) Thiel, D. (2007). Behavioral and physiological effects in capercaillie (*Tetrao urogallus*) caused by human disturbance. PhD thesis, University of Zurich.
- 43) Schmitz, M. (2007). Density and evenness effects in grassland biodiversity experiments. PhD thesis, University of Zurich.
- 42) Wipf, S. (2006). Winter climate change in tundra ecosystems: the importance of snow cover. PhD thesis, University of Zurich.
- 41) Vergnerie, G. (2006). Experimental ecological genetics of fragmented populations of the common plant *Lychnis flos-cuculi* L. PhD thesis, University of Zurich.
- 40) Mwangi, P.N. (2006). Using phytometers to study the effects of plant diversity on ecosystem functioning. PhD thesis, University of Zurich.
- 39) Jacob, G. (2006). Conservation genetics of the capercaillie (*Tetrao urogallus* L.) in the Swiss Alps. PhD thesis, University of Zurich.
- 38) Knop, E. (2006) Effectiveness of the Swiss agri-environment scheme. PhD thesis, University of Zurich.
- 37) Hoehn, S. (2006). Multi-year demography and ecological genetics of the common plant *Lychnis flos-cuculi* in a fragmented landscape. PhD thesis, University of Zurich.
- 36) Albrecht, M. (2006). The effectiveness of the Swiss agri-environment scheme in promoting biodiversity and biotic interactions in restored and adjacent intensively managed farmland. PhD thesis, University of Zurich.
- 35) Weyand, A. (2005). Influence of cultural traditions on biodiversity in the Swiss Alps. PhD thesis, University of Zurich.
- 34) Willi, Y. (2004). Genetics of interconnected populations of small and large size. PhD thesis, University of Zurich.
- 33) Colling, G. (2004). Population biology of the endangered long-lived perennial *Scorzonera humilis*. PhD thesis, University of Zurich.
- 32) Bossdorf, O. (2004). Ecological genetics of plant invasions: a case study on *Alliaria petiolata*. PhD thesis, University of Zurich.
- 31) Bartelt-Ryser, J. (2004). Effects of plant diversity on soil microbiological communities. PhD thesis, University of Zurich.
- 30) Wettstein, W. (2003). Conservation biology, population structure and large-scale spatial behaviour of corncrakes (*Crex crex* L.) in Europe. PhD thesis manuscript, University of Zurich. (Handed in just before the tragic death of the student in a car accident.)
- 29) Perret, C. (2003). Experimental population biology in the fragmented landscape: the case of the common plant *Lychnis flos-cuculi* L. PhD thesis, University of Zurich.
- 28) Galeuchet, D. (2003). Ecology and genetics of the common plant *Lychnis flos-cuculi* L. in a fragmented landscape. PhD thesis, University of Zurich.
- 27) Rixen, C. (2002). Artificial snow and snow additives on ski pistes: interactions between snow cover, soil and vegetation. PhD thesis, University of Zurich.
- 26) Pfisterer, A.B. (2002). Effects of species loss and disturbance on grassland ecosystems. PhD thesis, University of Zurich.
- 25) Martinelli, D. (2002). Regulation of biofilm growth by bacterial quorum sensing signaling compounds. PhD thesis, University of Zurich
- 24) Lienert J. (2002). Population biology of wetland plants in fragmented landscapes PhD thesis, University of Zurich.
- 23) Van Kleunen, M. (2001). Evolution of the clonal life history of *Ranunculus reptans*. PhD thesis, University of Zurich.
- 22) Paschke, M. (2001). Ecology of the endangered, narrow endemic plant *Cochlearia bavarica*. PhD thesis, University of Zurich.

- 21) Hooftman, D.A.P. (2001). Habitat fragmentation in Swiss fen meadows: the case of common species. PhD thesis, University of Zurich.
- 20) Gautschi, B.S. (2001). Conservation genetics of the Bearded Vulture (*Gypaetus barbatus*). PhD thesis, University of Zurich.
- 19) Billeter, R.C. (2001). Secondary succession in fens—from communities to genes. PhD thesis, University of Zurich.
- 18) Bergamini, A. (2001). Species diversity of bryophytes in montane calcareous wetlands: effects of environmental variables and influence of vascular plants. PhD thesis, University of Zurich.
- 17) Schelske, O. (2000). Die Bedeutung der Biodiversität und Bestandteile einer Strategie zu ihrem Schutz — eine regionalökonomische und ökologische Perspektive. PhD thesis, University of Zurich.
- 16) Stephan, M.A. (2000). Population dynamics and interactions under atmospheric CO₂-increase and biodiversity loss. PhD thesis, University of Zurich.
- 15) Kéry, M. (2000). Ecology of small populations. PhD thesis, University of Zurich.
- 14) Schläpfer, F. (1999). Biodiversity and ecosystem functioning: scientific evidence, economic models, and societal decisions. PhD thesis, University of Zurich.
- 13) Peintinger, M. (1999). The effects of habitat area, management, and altitude on species diversity in montane wetlands. PhD thesis, University of Zurich.
- 12) Lindemann-Matthies, P. (1999) Children's perception of biodiversity in everyday life and their preferences for species. PhD thesis, University of Zurich.
- 11) Joshi, J. (1999). On the importance of biodiversity in European grassland ecosystems. PhD thesis, University of Zurich.
- 10) Prati, D. (1998). The genetics and life-history evolution of the clonal plant *Ranunculus reptans*. PhD thesis, University of Zurich.
- 9) Pauli, D. (1998). Plant species diversity and productivity in wetland communities: patterns and processes. PhD thesis, University of Zurich.
- 8) Klaus-Hügi, C. (1998). Home range, feeding behaviour and social organization of the Bongo (*Tragelaphus eurycerus*) in the rain forest of the Central African Republic. PhD thesis, University of Zurich.
- 7) Klaus, G. (1998). Natural licks and geophagy (soil ingestion) by large mammal species in the rain forest of the Central African Republic. PhD thesis, University of Zurich.
- 6) Steinger, T. (1997). Ecological genetics of two grassland perennials under global change. PhD thesis, University of Zurich.
- 5) Fischer, M. (1996). Experimental population biology of the rare *Gentianella germanica*. PhD thesis, University of Basel.
- 4) Stoll, P. (1995). Modelling and empirical studies of plant growth and form using the demography of plant parts: case studies in *Pinus silvestris* and *Solidago altissima*. PhD thesis, University of Zurich.
- 3) Weber, E. (1994). Evolutionary trends in European neophytes: a case study of two *Solidago* species. PhD thesis, University of Basel.
- 2) Egli, P. (1994). An individual-based analysis of annual shoot and stand development in the invading species *Solidago altissima* L. PhD thesis, University of Basel.
- 1) Meyer, A.H. (1992). The experimental demography of clonal plants: a case study of the invading species *Solidago altissima* L. PhD thesis, University of Basel.

Supervised habilitation theses:

- 10) Niklaus, P.A. (2011). Grassland biota under global change. Habilitation thesis, University of Zurich (previously used for habilitation at University of Basel, 2004).
- 9) Turnbull, L.A. (2011). Seed size, growth rates and community structure. Habilitation thesis, University of Zurich.
- 8) Kéry, M. (2009). The first question in Ecology: How many are there? Habilitation thesis. University of Zurich.

- 7) Lindemann-Matthies, P. (2009). Biodiversity perception, awareness and education. Habilitation thesis, University of Zurich.
- 6) Hall, M. (2008). Historical Perspectives on Ecological Restoration. Habilitation thesis, University of Zurich.
- 5) Müller, C.B. (2007). Complex multi-species interactions in natural communities. Habilitation thesis, University of Zurich.
- 4) Seidl, I. (2003). Biological and conservationist perspectives on economics. Habilitation thesis, University of Zurich.
- 3) Fischer, M. (2000). Population biology of herbaceous plants: ecology and genetics of life histories. Habilitation thesis, University of Zurich.
- 2) Diemer, M. (2000). The interface between plant ecophysiology and population biology, with special reference to alpine plants. Habilitation thesis, University of Zurich.
- 1) Matthies, D. (1998). Contribution to the population biology of herbaceous plants. Habilitation thesis, University of Zurich.

Postdocs and research associates:

- 38) Schmid, M. (2017). PhD Zurich.
- 37) Chen, Y. (2017-2018). PhD Sun Yat-sen University, Guangzhou, China.
- 36) Vogel, A. (2016-2018). PhD Jena, Germany.
- 35) O'Brien, M. (2014-2015). PhD Zurich.
- 34) Saner, P. (2014-2016). PhD Zurich.
- 33) Schöb, C. (2014-2017). PhD Bern.
- 32) Wagg, C. (2013-2018). PhD Zurich.
- 31) Liu, X. (2013-2016). PhD Institute of Botany, Chinese Academy of Sciences, Beijing, China.
- 30) Wüst, S. (2012-2018). PhD Trinity College Dublin, Ireland.
- 29) Flynn, D. (2011-2015). PhD Columbia University, USA.
- 28) Meinard, Y. (2010-2012). PhD Paris, France.
- 27) Wäli, P. (2009-2010). PhD Oulu, Finland.
- 26) Wang, Z. (2009-2010). PhD Peking University, China.
- 25) Niklaus, P. (2009-2018). PhD Basel.
- 24) Salmon, Y. (2009-2011). PhD ETH Zurich.
- 23) Von Felten, S. (2009-2010). PhD Zurich.
- 22) Turnbull, L. (2003-2013). PhD Imperial College, UK.
- 21) Dimitrakopoulos, P.G. (2003). PhD University of the Aegean, Greece.
- 20) Schläpfer, F. (2002-2007). PhD Zurich.
- 19) Pfisterer, A. (2002-2004). PhD Zurich.
- 18) Joshi, J. (2002-2008). PhD Zurich.
- 17) Gautschi, B. (2002). PhD Zurich.
- 16) Van Kleunen, M. (2001-2002). PhD Zurich.
- 15) Paschke, M. (2001-2008). PhD Zurich.
- 14) Klaus, G. (2001). PhD Zurich.
- 13) Bosshard, A. (2001-). PhD ETH Zurich.
- 12) Lindemann-Matthies, P. (1999-2010). PhD Zurich.
- 11) Bernasconi, G. (1998-2004). PhD Bern.
- 10) Stoll, P. (1996-1998). PhD Zurich.
- 9) Koricheva, J. (1996). PhD Turku, Finland.
- 8) Fischer, M. (1996-2003). PhD Basel.
- 7) Diemer, M. (1996-2000). PhD Innsbruck, Austria.

- 6) Meyer, A. (1995-1996). PhD Basel.
- 5) Seidl, I. (1994-2002). PhD St. Gallen.
- 4) McLellan, A. (1994-1995). PhD York, UK.
- 3) Matthies, D. (1994-2000). PhD Bochum, Germany.
- 2) Lavigne, C. (1994-1995). PhD Paris, France.
- 1) Egli, P. (1994-1995). PhD Basel.

Visiting scientists:

- 24) Liang, Y. (2017-2018). Institute of Botany, Chinese Academy of Sciences, Beijing, China.
- 23) Guo, Y. (2016-2017). Peking University, Beijing, China.
- 22) Wu, X. (2015-2016). Beijing Forestry University, Beijing, China.
- 21) Tian, D. (2015). Peking University, Beijing, China.
- 20) Luo, S. (2014-2015, 2016). Sun Yat-sen University, Guangzhou, China.
- 19) Yu, S. (2013-2014). East China Normal University, Shanghai, China.
- 18) Liu, X. (2013). Institute of Botany, Chinese Academy of Sciences, Beijing, China.
- 17) Qin, X.L. (2012-2013). Lanzhou University, Lanzhou, China.
- 16) Wang, X.-Y. (2011). East China Normal University, Shanghai, China.
- 15) Yang, B. (2011). Institute of Botany, Chinese Academy of Sciences, Beijing, China.
- 14) Ma, Y. (2011). Peking University, Beijing, China.
- 13) Ma, S. (2011). Northwest Institute of Plateau Biology, Chinese Academy of Sciences, Xining, China.
- 12) Chen, G. (2011). Institute of Botany, Chinese Academy of Sciences, Beijing, China.
- 11) He, J.-S. (2007). Peking University, Beijing, China.
- 10) Tisdell, C. (2001). Univ. of Queensland, Brisbane, Australia.
- 9) Lewis, K. (2001, 2002). Harvard University, Cambridge MA, USA.
- 8) Balsler, T. (2001, 2002). Univ. of Wisconsin, Madison, USA.
- 7) Hector, A. (2000, 2001, 2002). Imperial College at Silwood Park, Ascot, UK.
- 6) Gowdy, J. (2000). Rensselaer Polytechnic Institute, Troy, USA.
- 5) Dietz, H. (1998). Univ. Würzburg, Würzburg, Germany.
- 4) Roesijadi, G. (1997). Univ. of Maryland, Solomons, USA.
- 3) Winkler, E. (1994-1995). UFZ Leipzig-Halle, Leipzig, Germany.
- 2) Spellerberg, I.F. (1994). Lincoln Univ., Canterbury, New Zealand.
- 1) Weiner, J. (1992). Swarthmore College, Swarthmore, USA.

Former students who became professors elsewhere:

- 1) Bernasconi, G., Professor of Evolutionary Botany, University of Neuchâtel, Switzerland; now Researcher at Columbia University, New York, USA.
- 2) Bossdorf, O., Professor of Plant Evolutionary Ecology, University of Tübingen, Germany.
- 3) Chen, Y., Associate Professor, Xiamen University, China.
- 4) Dimitrakopoulos, P.G., Professor of Ecosystem Management, University of the Aegean, Greece.
- 5) Fakheran, S., Assistant Professor, Isfahan University of Technology, Iran.
- 6) Fischer, M., Professor of Plant Biology, University of Bern, Switzerland.
- 7) Joshi, J., Professor of Plant Biology, University of Potsdam, Germany; now Professor at the University of Applied Sciences, Rapperswil, Switzerland.
- 8) Koricheva, J., Professor of Ecology, University of London, UK.
- 9) Lavigne, C., Assistant Professor of Ecology, University Paris-Sud (1998-2005); now Researcher (CR1) at INRA Avignon, France.

- 10) Lindemann-Matthies, P., Professor of Environmental Education, University of Education, Karlsruhe, Germany.
- 11) Liu, X., Professor, Chinese Academy of Sciences, Beijing, China.
- 12) Matthies, D., Professor of Plant Ecology, University of Marburg, Germany.
- 13) Moradi, H., Assistant Professor, Isfahan University of Technology, Iran.
- 14) Müller, I., Research Professor, Barcelona Centre for International Health Research, Spain.
- 15) Mwangi, P.N., Senior Lecturer, Jomo Kenyatta University of Agriculture and Technology, Nairobi, Kenya.
- 16) Petermann, J.S., Professor of Ecology and Evolution, University of Salzburg, Austria.
- 17) Schläpfer, F., Professor and senior Researcher, Kalaidos University of Applied Sciences, Zurich, Switzerland.
- 18) Schöb, C., Professor, Universidad Rey Juan Carlos, Madrid, Spain.
- 19) Seidl, I., Professor and research group leader, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf, Switzerland.
- 20) Turnbull, L.A., Professor of Plant Ecology, Oxford University, UK.
- 21) Van Kleunen, M., Professor of Ecology, University of Konstanz, Germany.
- 22) Wang, Z., Associate Professor, Peking University, Beijing, China.
- 23) Willi, Y., Professor of Plant Ecology, University of Basel, Switzerland.
- 24) Züst, T., SNF Professor, University of Zurich, Switzerland.

Former students who became independent group leaders elsewhere:

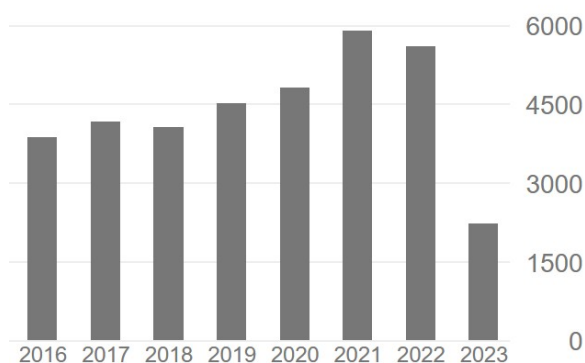
- 1) Bergamini, A., Research group leader, Swiss Federal Institute for Forest, Snow and Landscape Research WSL, Birmensdorf, Switzerland.
- 2) Billeter, R.C., Lecturer, Swiss Federal Institute of Technology Zurich ETH, Switzerland.
- 3) Colling, G., Group leader, Musée national d'histoire naturelle, Luxembourg.
- 4) Hooftman, D.A.P., Research group leader, Centre for Ecology & Hydrology, Wallingford, UK.
- 5) Kéry, M., Research group leader, Swiss Ornithological Institute, Sempach, Switzerland.
- 6) Knop, E., Research group leader, Agroscope Zurich-Reckenholz, Switzerland
- 7) Lienert, J., Research group leader, Eawag Dübendorf / Zurich, Switzerland.
- 8) Prati, D., Research group leader, University of Bern, Switzerland.
- 9) Rixen, C., Research group leader, Institute for Snow and Avalanche Research SLF, Davos, Switzerland.
- 10) Steinger, T., Research group leader, Agroscope Changins-Wädenswil ACW, Nyon, Switzerland.
- 11) Stoll, P., Senior lecturer, University of Basel, Switzerland.
- 12) Wagg, C., Research group leader, Fredericton Research and Development Centre, AAFC, Canada.
- 13) Weber, E., Research group leader, University of Potsdam, Germany.
- 14) Wüst, S., Research group leader, Agroscope Wädenswil, Switzerland.

PUBLICATIONS

Bernhard Schmid

Google Scholar:

	All	Since 2018
Citations	65588	27137
h-index	118	72
i10-index	394	314



Key to symbols: Reviews R, Book Chapters BC, Principal Investigator ^{PI}, Student ^S, Co-researcher ^C, Technician/Laboratory Assistant ^T. Right columns numbers of citations taken from Google Scholar (3 January 2023; <http://scholar.google.ch/citations?user=GK-0yuEAAAAJ>) and 5-year Impact Factors taken from the ISI Web of Knowledge (<http://wos.consortium.ch/>).

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