

Curriculum Vitae (CV) and publication list – Bernhard Krautzer

DI. Dr. Bernhard Krautzer

Agricultural Research and Education Centre Raumberg-Gumpenstein

Raumberg 38, 8952 Irdning, Austria

Phone: +43-3682-22451-345, Fax: +43-2461488

E-mail: bernhard.krautzer@raumberg-gumpenstein.at

Web: www.raumberg-gumpenstein.at

Main areas of research

Forage crop breeding, seed production, grassland management, natural resources management, ecological restoration, erosion protection, conservation of semi-natural grassland

Qualifications

- 1981-1988 Agriculture studies, University of Natural Resources and Applied Life Sciences, Vienna
1988 Diploma, University of Natural Resources and Applied Life Sciences, Vienna
1989-1994 Employee of the department of arable farming, Federal Research and Education Centre for Agriculture in Alpine Regions (HBLFA Raumberg-Gumpenstein)
Since 1994 Head of “Department of Ecological Restoration and Forage Crop Breeding”, HBLFA Raumberg-Gumpenstein
1990-1995 PhD studies, University of Natural Resources and Applied Life Sciences, Vienna
1995 PhD, University of Natural Resources and Applied Life Sciences, Vienna
1997 Vice-head of the “Institute for Plant Production and Cultural Landscape”, Agricultural Research and Education Centre (AREC) Raumberg-Gumpenstein

Most important invitations at scientific conferences

- Krautzer, B., Bartel, A., Kirmer, A., Tischew, S., Feucht, B., Wieden, M., Haslgrübler, P., Pötsch, E., 2011: Establishment and use of High Nature Value Farmland. Keynote talk. Grassland Farming and Land Management Systems in Mountainous Regions, 16th International Symposium of the European Grassland Federation (EGF) Gumpenstein, Austria, 29-31 August 2011.
Krautzer, B., Pötsch, E., The use of semi-natural grassland as donor site for the restoration of high nature value areas. Keynote talk. Alternative Functions of Grassland, 15th International symposium of the European Grassland Federation (EGF), Brno, Czech Republic 7-9 September 2009

Most important peer review activities, editorships, memberships in academic organisations

- Grass and Forage Science. The journal of the British Grassland Society (Reviewer) 2010-2013
Ecological Engineering. The Journal of Ecosystem Restoration (Reviewer) 2010-2011
Restoration Ecology. The Journal of the Society for Ecological Restoration (Reviewer) 2007-2012

Scotton, M., Kirmer, A., Krautzer, B. (editors), 2013: Practical handbook for seed harvest and ecological restoration of species-rich grasslands. Cooperativa Libraria Editrice Università di Padova, Via Belzoni, Padova, 116 pp.

Kirmer, A., Krautzer, B., Scotton, M., Tischew, S. (Hrsg.), 2012: Praxishandbuch zur Samengewinnung und Renaturierung von Artenreichem Grünland. Hochschule Anhalt und LFZ Raumberg-Gumpenstein. Eigenverlag der Österreichischen Arbeitsgemeinschaft für Grünland und Futterbau, Irdning. 221pp.

Pötsch, E., Krautzer, B., Hopkins, A. (editors), 2011: Grassland Farming and Land Management Systems in Mountainous Regions. Proceedings of the 16th Symposium of the European Grassland Federation. Gumpenstein, Austria, 632 pp.

Krautzer, B., Hacker, E. (editors), 2006: Soil Bioengineering: Ecological Restoration with Native Plant and Seed Material, Federal Research and Education Centre Raumberg-Gumpenstein, Irdning, German Federation for Soil Bioengineering, Aachen, 291 p.

Key international cooperation partners in the last 5 years

Dr. Christian Uhlig, BIOFORSK, Research Station Tromsø, Norway

Dr. Sabine Tischew, Hochschule Anhalt, Germany

Dr. Michele Scotton, Università di Padova, Italy

Most important research projects funded in the past

- SOUTHEAST-EUROPE project "A Sustainable Development Model for South East European Mountain Regions", GREEN MOUNTAIN 2011-2013, national and work package co-ordination
- CENTRAL EUROPE project "Semi-natural grassland as a source of biodiversity improvement" SALVERE 2009-2011, national and work package co-ordination
- IIIB CADSES project "Successful Restoration and Rehabilitation after Infrastructural Interventions" SURE (3B071) 2004-2006, project co-ordination
- FAIR project CT98-4024 "Seed propagation of indigenous species and their use for restoration of eroded areas in the Alps" ALPEROS, 1999-2002, project co-ordination

Actual publications (2006-2013)

- Krautzer, B., Graiss, W., Klug, B., 2013: Ecological Restoration of Ski-Runs. The Impacts of Skiing and Related Winter Recreational Activities on Mountain Environments, 184 - 209, Bentham Science, DOI: 10.2174/9781608054886113010013.
- Schubiger, F., Baert, J., Ball, B., Cagas, B., Czembor, E., Feuerstein, U., Gay, S., Hartmann, S., Jakesova, H., Klima, M., Krautzer, B., Leenheer, H., Persson, C., Pietraszek, W., Poinart, L., Posselt, U., Quitte, Y., Romani, M., Russi, L., Schulz, S., Tardin, M., Van Nes, E., Willner, E., Wolters, L., Boller, B., 2013: The EUCARPIA Multi-site Rust Evaluation - Results 2010. DOI 10.1007/978-94-007-4555-1_26, Springer Science and Business Media Dordrecht.
- Krautzer, B., Graiss, W., Blaschka, A., Neuper, F., 2013: Prüfrichtlinie für die Zertifizierung und den Vertrieb von regionalen Wildgräsern und Wildkräutern nach „Gumpensteiner Herkunftszertifikat“ (G-Zert). Eigenverlag Lehr- und Forschungszentrum für Landwirtschaft (LFZ) Raumberg-Gumpenstein, Raumberg 38, A-8952 Irdning.
- Krautzer, B., Uhlig, C., Wittmann, H., 2012: Restoration of Arctic-Alpine Ecosystems. Restoration Ecology: The New Frontier. Second Edition. Edited by Jelte van Andel and James Aronson. Blackwell Publishing Ltd.
- Juritsch, G., Bäck, E., Car, M., Baumgarten, A., Ecker, N., Friesl-Hanl, W., Graiss, W., Hölzl, F., Klaghofer, E., Leist, M., Kraus, J., Krautzer, B., Leitgeb, E., Mitterböck, N., Mitterstöger, T., Mochty, F., Murer, E., Mutsch, F., Neudorfer, E., Reheis, W., Spiegel, H., Starke, R., Zethner, G., 2012: Richtlinien für die sachgerechte Bodenrekultivierung land- und forstwirtschaftlich genutzter Flächen. Bundesministerium für Land- und Forstwirtschaft, Umwelt und Wasserwirtschaft, Sektion III, Abteilung III 9, Fachbeirat für Bodenfruchtbarkeit und Bodenschutz Arbeitsgruppe Bodenrekultivierung.
- Graiss, W., Krautzer, B., 2011: Soil Erosion and Surface Runoff on Slopes in Mountain Environment Depending on Application Technique and Seed Mixture - A Case-Study. Soil Erosion Studies, 193-212, ISBN 978-953-307-710-9, editors: Godone, D., Stanchi, S., online <http://www.intechopen.com/articles/show/title/soil-erosion-and-surface-runoff-on-slopes-in-mountain-environment-depending-on-application-technique>.
- Graiss, W., Krautzer, B., Pötsch, E., 2011: Suitability of alternative grass species for grassland management in Austria under changing climatic conditions. Grassland Science in Europe, Vol.16: Grassland Farming and Land Management Systems in Mountainous Regions, 440-442.
- Krautzer, B., Bartel, A., Kirmer, A., Tischew, S., Feucht, B., Wieden, M., Haslgrübler, P., Pötsch, E., 2011: Establishment and use of High Nature Value Farmland. Grassland Science in Europe, Vol. 16: Grassland Farming and Land Management Systems in Mountainous Regions, 457-469.
- Krautzer, B., Graiss, W., Peratoner, G., Venerus, S., Klug, B., 2010: The influence of recultivation technique and seed mixture on erosion stability after restoration in mountain environment. Nat Hazards DOI 10.1007/s11069-009-9491-z.
- Krautzer, B., Klug, B., 2009: Renaturierung von subalpinen und alpinen Ökosystemen. In: Zerbe; Wiegand (Hrsg): Renaturierung von Ökosystemen in Mitteleuropa, Spektrum Verlag, 208-234.
- Krautzer, B., Pötsch, E., 2009: The use of semi-natural grassland as donor sites for the restoration of high nature value areas. Proceedings of the 15th European Grassland Federation Symposium Brno, Czech Republik, 7-9 September 2009. Cagas B., Radek M., Nedelnik J. (editors): Alternative Functions of Grassland, Grassland Science in Europe Vol. 14, 478-492.
- Graiss, W., Krautzer, B., Blaschka, A., 2008: Standortgerechte Begrünung im Landschaftsbau als Möglichkeit zur Lebensraumvernetzung - II. Methoden und Rahmenbedingungen. Habitat Networks through Ecological Restoration - methods and frameworks. SAUTERIA, Band 16, 56-61.
- Krautzer, B., Graiss, W., 2008: The influence of recultivation techniques on erosion after restoration in high zones. Interpraevent 2008, 11th Congress - Extended Abstracts, 234-235.

- Krautzer, B., Graiss, W., Blaschka, A., 2008: Standortgerechte Begrünung im Landschaftsbau als Möglichkeit zur Lebensraumvernetzung - III. Maßnahmen zur praktischen Umsetzung. Habitat networks through Ecological Restoration - examples of practical implementation. SAUTERIA 16, 61-74.
- Uhlig, C., Krautzer, B., Graiss, W., Blaschka, A., 2008: Assessment of revegetation efforts: a suggestion for an evaluation scheme. 6th European Conference on Ecological Restoration, 8-12 September 2008 Ghent (Belgium). Programme and abstract book, ISBN 9789080915992, p. 70.
- Varga, Z., Krautzer, B., Graiss, W., 2008: Pilzliche Krankheitserreger an Gräsersamen. Die Bodenkultur 59, 1-4: 95-100.
- Krautzer, B., Buchgraber, K., Pötsch, E.M., 2007: Quality seed mixtures for permanent grassland and field forage growing in Austria. De Vliegheer, L. Carlier (editors): Permanent and Temporary Grassland. Plant, Environment and Economy. Proceedings of the 14th Symposium of the European Grassland Federation Ghent, Belgium, 2-5 Sept. 2007, Grassland Science in Europe, Vol. 12, 532-535.
- Graiss, W., Krautzer, B., Pötsch, E.M., 2006: Economical and ecological requirements of seed mixtures for mountain pastures. Proceedings of the 13th Meeting of the FAO CHIEAM Sub-Network on mountain pastures "Quality production and quality of the environment in mountain pastures of the enlarged Europe", Udine, Italy, September, 15-17, 2005, 179-187.
- Krautzer, B., Wittmann, H., 2006: Restoration of alpine ecosystems. In: Andel, J., Aronson, J.: Restoration Ecology. The New Frontier, Blackwell Publishing, 208-220.

Monographs (2)

- Krautzer, B., Wittmann, H., Peratoner, G., Graiss, W., Partl, C., Parente, G., Venerus, V., Rixen, C., Streit, M., 2006: Site-Specific High Zone Restoration in the Alpine Region. The Current Technological Development. Federal Research and Education Centre Raumberg-Gumpenstein, Irdning, Austria, Veröffentlichung 46, 135 pp.
- Krautzer, B., Peratoner, G., Bozzo, F., 2004: Site-Specific Grasses and Herbs. Seed production and use for restoration of mountain environments. Plant Production and Protection Series No. 32, Food and Agriculture Organisation of the United Nations, Rome, Italy, 112 pp.