

Publications de Armin BISCHOFF - Liste des publications depuis 1994

2016

Bischoff, A., Lamarre, E., Salvadori, O., Cortesero, A., Le Ralec, A., Tricault, Y., Jaloux, B. (2016) Effects of spontaneous field margin vegetation and surrounding landscape on *Brassica oleracea* crop herbivory. *Agriculture, Ecosystems and Environment* 223, 135-143.

Pollier, A., Dosdat, S., Tricault, Y. Bischoff, A., Plantegenest, M. (accepted) Using the stable isotope marker ^{13}C to study extrafloral nectar uptake by parasitoids under controlled conditions and in the field. *Entomologia Experimentalis et Applicata*.

2015

Corcket, E., Benot, M.-L., Bischoff, A., Poncin, G., Henriot, L. (2015). Restauration écologique d'une ancienne maïsiculture en zone alluviale : l'île de Raymond en bord de Garonne. *Penn Ar Bed* 220, 3-9.

2014

Bischoff, A. (2014) The limits of local adaptation in plants and consequences for ecological restoration. In Kiehl et al. *Guidelines for native seed production and grassland restoration*. Cambridge Scholars Publishing, 37-56.

2013

Bischoff, A. & Hurault, B. (2013) Scales and drivers of local adaptation in *Brassica nigra* (Brassicaceae) populations. *American Journal of Botany* 100, 1162-1170.

2011

Bischoff, A. & Trémulot, S. (2011) Genetic differentiation and adaptation of plant populations: how important are related herbivores. *Oecologia* 165, 971-981.

2010

Bischoff, A. & Müller-Schärer, H. (2010) Testing population differentiation in plant species – how important are environmental maternal effects. *Oikos* 119, 445-454.

Bischoff, A., Steinger, T. & Müller-Schärer, H. (2010) The effect of plant provenance and intraspecific diversity on the fitness of four plant species used in ecological restoration. *Restoration Ecology* 18, 338-348.

Crémieux, L., Bischoff, A., Steinger, T. & Müller-Schärer, H. (2010) Consequences of genetic introgression from foreign provenances into local plant populations. *American Journal of Botany* 97, 94-100.

Van der Mijnsbrugge, K., Bischoff, A. & Smith, B. (2010) A question of origin: where and how to collect seed for ecological restoration? *Basic and Applied Ecology*, *Basic and Applied Ecology* 11, 300-311 (Review).

2009

Bischoff, A. & Warthemann, G. & Klotz, S. (2009) Re-colonisation of floodplain grasslands – the importance of abiotic conditions and source populations. *Journal of Applied Ecology* 46, 241-249.

Warthemann, G., Winter, N., Bischoff, A. (2009) Renaturierung von Brenndolden-Auenwiesen durch Mahdgutübertragung in der Elbeaue bei Dessau. *Naturschutz im Land Sachsen-Anhalt* 46, Sonderheft 1 (Forschung und Management im Biosphärenreservat Mittelelbe), 49-56.

2008

Cremieux, L., Bischoff, A., Smilauerova, M., Lawson, C., Mortimer, S., Dolezal, J., Lanta, V., Edwards, A., Brooks, A., Tscheulin, T., Macel, M., Leps, J., Steinger, T. & Müller-Schärer, H. (2008). Potential contribution of natural enemies to patterns of local adaptation in plants. *New Phytologist* 180, 524-533.

2007

Macel, M., L., Lawson, C., Mortimer, S., Smilauerova, M., Bischoff, A., Crémieux, Dolezal, J., Lanta, V., Edwards, A., van der Putten, W.H., Rodriguez-Barrueco, C., Leps, J., Steinger, T. & Müller-Schärer, H. (2007) Aboveground versus below-ground factors in local adaptation of two common plant species. *Ecology* 88, 424-433.

2006

Bischoff, A., Crémieux, L., Smilauerova, M., Lawson, C., Mortimer, S., Dolezal, J., Lanta, V., Edwards, A., Brooks, A., Macel, M., Leps, J., Steinger, T. & Müller-Schärer, H. (2006) Detecting local adaptation in widespread grassland species – the importance of scale and local plant community. *Journal of Ecology* 94, 1130-1142.

Bischoff, A., Vonlanthen, B., Steinger, T. & Müller-Schärer, H. (2006) Seed provenance matters – effects on germination of four plant species used for ecological restoration on arable land. *Basic and Applied Ecology* 7, 347-359.

2005

Bischoff, A., Auge, H. & Mahn, E.-G. 2005: Changes of the relationship between species richness and productivity in early succession. *Basic and Applied Ecology* 6, 385-394.

Bischoff, A. (2005) The importance of seed dispersal in restoring weed communities. *Agriculture, Ecosystems and Environment* 106, 377-387.

Bischoff, A., Müller-Schärer, H. (2005) Creation of ecological compensation areas – the importance of seed provenance. *Hotspot* 11, 17 (in German and French).

2002

Bischoff, A. (2002) Dispersal and establishment of floodplain grassland species as limiting factors of restoration. *Biological Conservation* 104, 25-33.

2001

Bischoff, A. (2001) The importance of dispersal in restoring plant communities of agro-ecosystems following reduction of land use intensity. In H. Mühle & al.: Impact of land use on landscape household and biodiversity in landscapes dominated by agriculture. UFZ-Berichte 16/2001, 57-71 (in German with English abstract).

Bischoff, A. (2001) The dispersal of plant species in agricultural landscapes and the importance for restoration. Aktuelle Reihe der BTU Cottbus 7, 66-78 (in German).

2000

Bischoff, A. (2000) Dispersal and re-establishment of *Silaum silaus* in floodplain grasslands. Basic and Applied Ecology 1, 129-131.

Bischoff, A. & Mahn, E.-G. (2000) The effects of nitrogen and diaspore availability on the regeneration of weed communities following extensification. Agriculture, Ecosystems and Environment 77, 237-246.

Bischoff, A. (2000) Re-colonization processes in agro-ecosystems following extensification: floodplain grassland. Schriftenreihe Agrarspectrum 31, 108-120 (in German with English Abstract).

1999

Bischoff, A. (1999) Temporal and spatial dynamics of *Lithospermum arvense* L. populations on arable fields and the effect of different crop management. Flora 194, 127-136.

Bischoff, A. (1999) The effect of long-term and rotational set-aside on the vegetation dynamics of N-loaded fields. Mitteilungen der Biologischen Bundesanstalt für Land- und Forstwirtschaft Berlin-Dahlem 368, 103-116 (in German with English abstract).

1998

Bischoff, A. (1998) Which factors determine the re-colonisation of rare weed species in arable fields following reduction in land use intensity. Schriftenreihe der Landesanstalt für Pflanzenbau und Pflanzenschutz Mainz 6, 171-185 (in German).

1996

Bischoff, A. (1996) Population and vegetation dynamics in agro-ecosystems with high N-load after change to extensive management. Dissertationes Botanicae 268, 1-184 (Ph.D. thesis, in German with English abstract).

Bischoff, A. (1996) The regeneration of plant and animal communities in arable fields with high fertiliser residues – results from the STRAS project. NNA-Berichte 9(2), 12-23 (in German).

1995

Bischoff, A. & Mahn, E.-G. (1995) The regeneration of highly N-polluted fields under extensified agricultural practice – Studies on the population biology of weeds. Proceedings of the Society of Ecology (GfÖ) 24, 99-104 (in German with English abstract).

Mahn, E.-G. & Bischoff, A. (1995) Community structure and population dynamics of weed species. In M. Körschens & E.-G. Mahn: Regeneration of agro-ecosystems in the central German chernozem region. B.G. Teubner, Stuttgart-Leipzig, 313-348 (in German).

1994

Bischoff, A. & Mahn, E.-G. (1994) Structural changes of weed communities on highly-N-polluted fields under extensified agricultural practice. *Journal of Plant Diseases and Protection*, Special Issue XIV, 65-74 (in German with English abstract).