





Quality aspects of threshed material • Yield of threshed seed material: ~20 g/m² • Chaff: Seeds = 40: 60 • Grasses: Forbes = 10: 90 • Thousand seed weight (TSW): 0.94g • Germination capacity in Greenhouse experiment on organic growing media: 27 - 30% • Monocotyledons: 7 - 8% (1/4 of germinated seeds) • Dicotyledons: 20 - 23% (3/4 of germinated seeds)

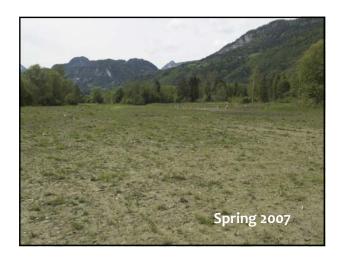














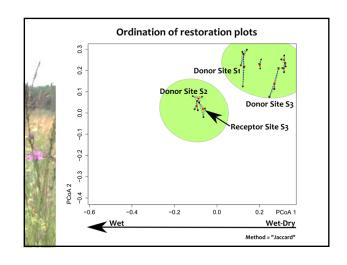


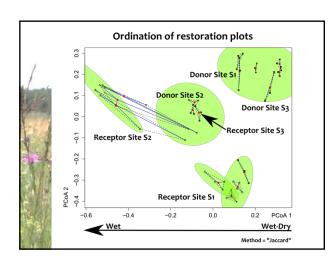


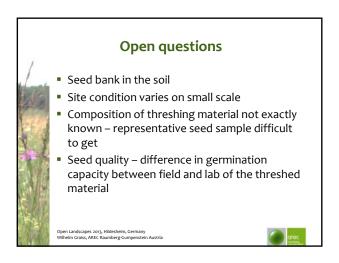




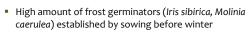
Analysis of vegetation development Principal coordinate Analysis (PCoA) Statistic programme R, Version 3.0 Vegan package, Version 2.0-7 Analysis based on beta diversity: change over time k-means clustering: 5 clusters based on the Calinski-Harabasz criterion Botanical assessment by projective cover in % according to Schechtner 1958 Relevees on each site with 3 replicates







Conclusions



- Slight amount of threshed material 3 g/m² is sufficient for restoration success
- Cleaning cut for weed control important
- Restoration success depends from soil and water conditions – inhomogeneous site conditions
- After five years transfer rate between 30-50 %
- Nowadays the area is converted to a suitable habitat for Crex crex, confirmed by ornithologists

Open Landscapes 2013, Hildesheim, Germany
Wilhelm Craics, AREC Raumhers Gumperstein Austria



