

Ecological monitoring of prescribed burning in the LIFE-Project Rohrhardsberg (Black Forest, Baden-Wuerttemberg, Germany) **Projekt framework** Time of investigation: 2007 - 2011 Funding: Regierungspräsidium Freiburg (Ref. 56, Naturschutz und Landschaftspflege) Subjects - ground beetles Working Group for Animal of study: - grasshoppers **Ecology and Planning** - butterflies (target species) soil parameters vegetation/flora W. Wahrenburg Jörg Rietze, Working Group for Animal Ecology and Planning, Filderstadt, Germany – Freiburg: 25-27 January 2008 2

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Main questions of the study

- Can the fire-management with prescribed burning help to conserve undergrazed pasture ("Nardus grassland" code: *6230 FFHdirective, Annex I) in combination with other management types?
- Are there **relevant positive effects** of burning on the prior target species for nature conservation of the region?
- Are there relevant negative effects of burning on the prior target species of nature conservation in this region?
- Is it possible to prevent the **succession of dominating stands** (*Pteridium aquilinum, Cytisus scoparius*) by prescribed burning in combination with other management types?

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