

**FIRE PARADOX – GFMC Prescribed Burning Demonstration Network Inventory Sheet**

Prescribed Burning Demonstration Sites - Site Description and Objectives -		Local Site Name:	
Country: <b>Germany</b>	Region: <b>North West</b>	Location: <b>Brueggen-Bracht</b>	
Unit No./Admin. Unit:	Owner: <b>Forest Service Mönchengladbach</b>	Site area (ha): <b>250</b>	
UTM zone:	UTM (x):  UTM (y):	Map / Aerial photo : <input type="radio"/> Yes (Please attach) <input type="radio"/> No	
First established: <b>2003</b>	Area(s) burnt (ha): <b>1.2</b>	Fire return interval (or time since last burn, or next burn planned): <b>appr. 15 years</b>	
Number of plots (in case of an array of sub-plots for experimental repetitions, particular site differences or high number of operationally burned sites): <b>8</b>			
Special remarks:			
<b>Purpose of Treatment:</b>			
Specific Treatment Objectives: <b>Control of Forest Succession, Improvement of <i>Calluna vulgaris</i> habitat</b>		Objectives reached? <input type="radio"/> Yes <input type="radio"/> No Specify:	
<b>Desired burn conditions to reach objectives (optional or if necessary as general prerequisite)</b>			
Wind speed (m/s): <b>10-15 km/h</b>		Wind direction: n.a.	
Relative humidity (%): <b>below 55%</b>		Soil moisture: n.a.	
Air temperature (°C):		Burn period (time of year): <b>end of Winter</b>	
What problems do occur? <b>Good Fire Weather conditions are rare</b>			
<b>Site description</b>			
Vegetation type (main species): <b>Calluna vulgaris Grass Pinus sylvestris</b>	Annual mean precipitation (mm/a):	Mean precipitation during time of burn (mm):	
Fuel load (target fuel) (t ha <sup>-1</sup> ): <b>Appr 10-15</b>	Annual mean temperature (°C):	Mean temperature during time of burn (°C): <b>5</b>	
Fuel description: <b>Dense Calluna</b>			
Topography:	Slope (%) <b>15</b>	Aspect: <b>all</b>	Altitude (m a.s.l.): Soil conditions:
Other:			

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Burn team specifications		
Parties involved: Forest Service Biologische Station RX Contractor		Specific expertise or training: <input type="radio"/> Yes <input type="radio"/> No Please specify: burning done by contractor
Documentation of demonstration site		
Management plan: <input type="radio"/> Detailed management plan <input type="radio"/> Simple management plan <input type="radio"/> none	Burn protocol: <input type="radio"/> Yes <input type="radio"/> No	Monitoring of <input type="radio"/> Weather data <input type="radio"/> Fuel accumulation <input type="radio"/> Fire behaviour <input type="radio"/> Smoke
Presentations:		
Photos/ videos:		
Publications: <a href="http://www.gfmc.org">www.gfmc.org</a>		