

Symposium on Fire Management in Cultural and Natural Landscapes, Nature Conservation and  
Forestry in Temperate-Boreal Eurasia  
Freiburg, Germany, 25-27 January 2008



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EFNCN-2008-Freiburg

COUNTY ADMINISTRATIVE BOARD  
OF VÄSTERNORRLAND

Nature Conservation Office

Almost 75 % of the total  
area is forest;  
Approx: 1,7 milj hectare  
productive forest land

County of Västernorrland

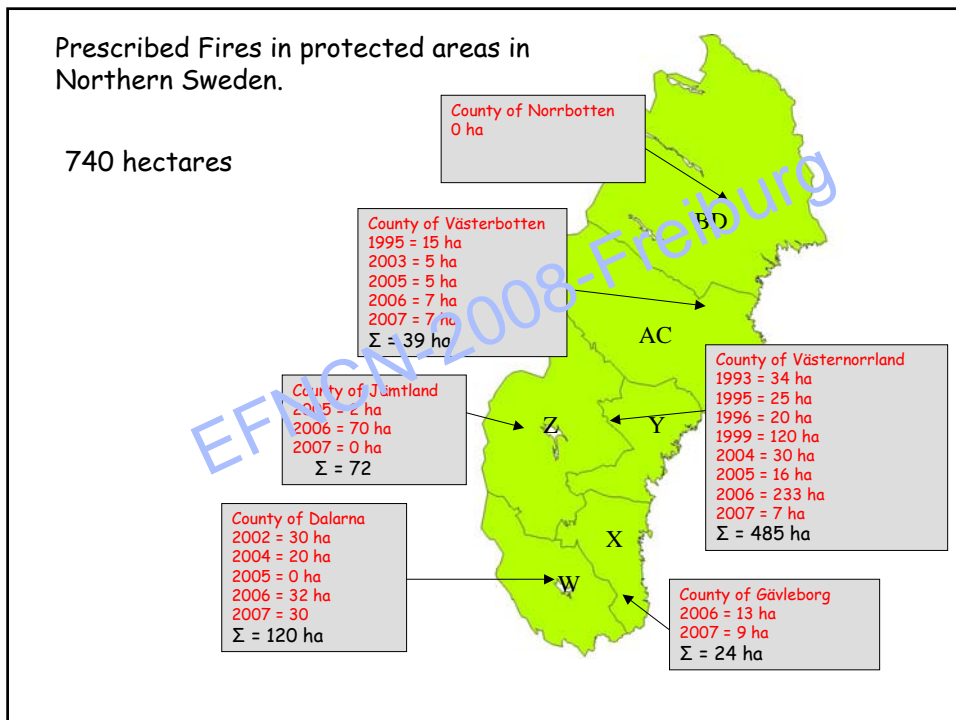
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And now  
something  
completely different...







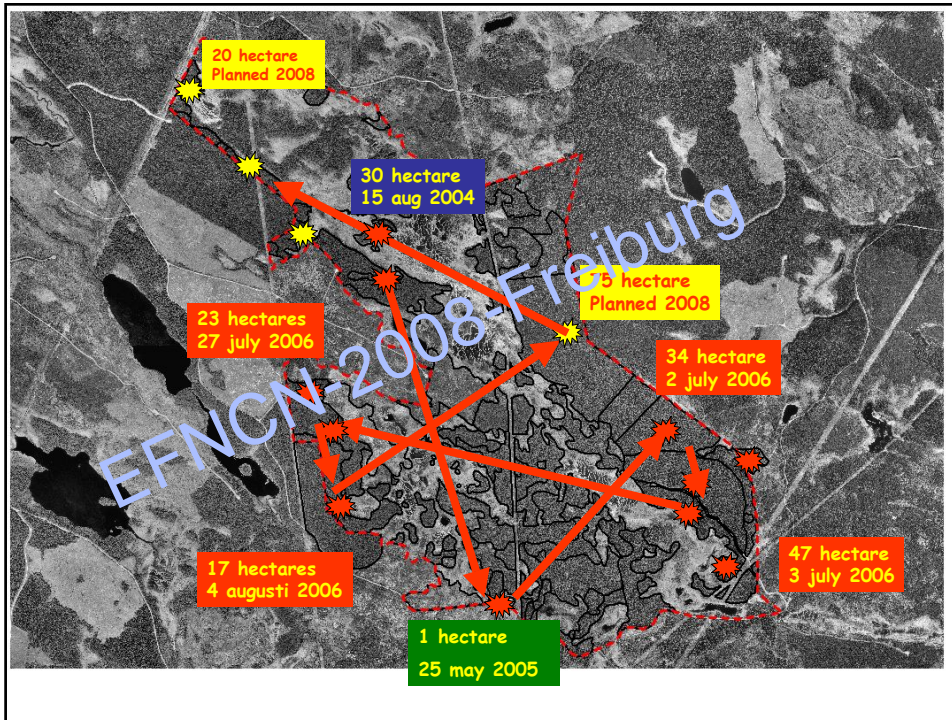
Protected areas where  
fire is a suitable  
management method  
and often a necessity

49 Nature Reserves  
with a total area of  
18 500 hectares.

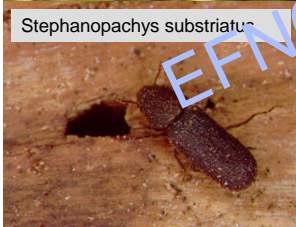
### Fire Rotation Areas (FRA)

Red = Already established nature reserves  
Green = Planned nature reserves

Let's take a look at  
a Fire Rotation Area



Some of the target species...







## Management until today

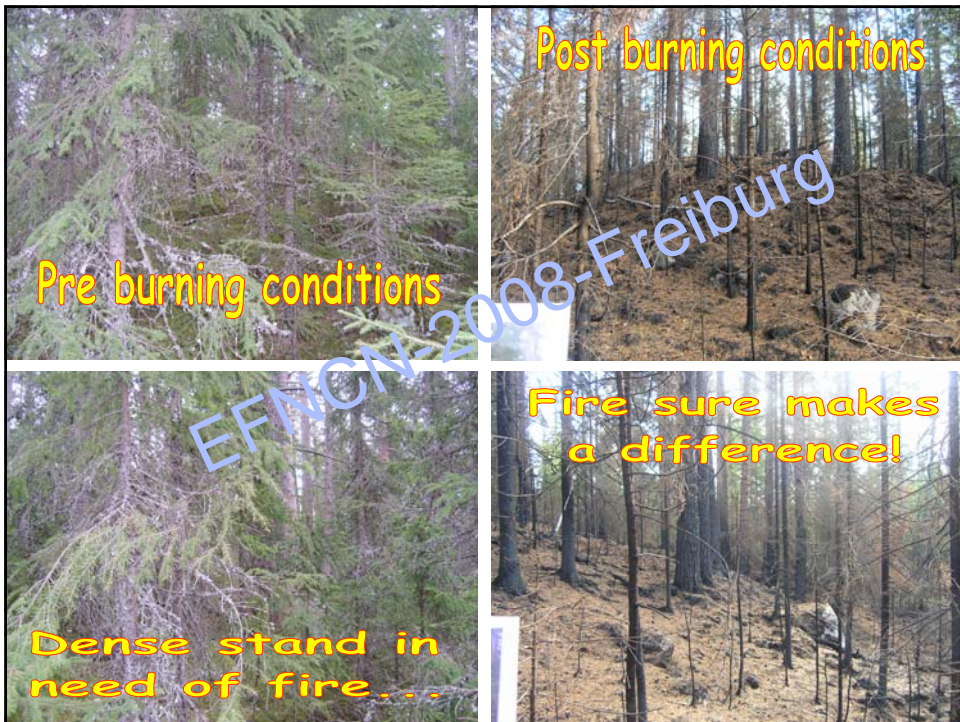
Free development is still very common among biologists, nature should take care of itself.

Very often this way of looking upon nature is based on old thesis:

Stable endpoints, climax stadium... disturbances are unnatural and should be kept out of protected areas

...







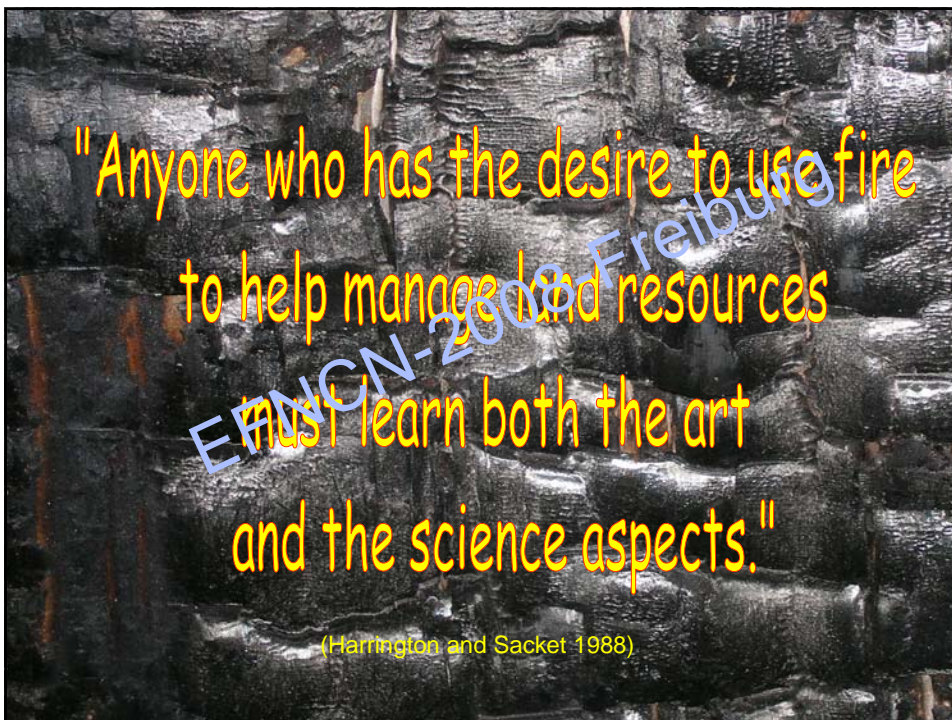
"People judge you  
by your actions,  
not your intentions.

You may have a  
heart of gold,  
but so does a  
hardboiled egg"

Sir John Browning

We believe it's vital  
to be involved in Planning...







RH % Fuel moisture Wind speed  
 Crew competence Maximum flame length  
 Slope % FWI  
 Strip ignition Fuel load  
 Wind direction Tree species  
 Objectives Forecast FFMC Hectare  
 Rate of spread Average flame length  
 Tree height  
 Borders BUI Pump capacity  
 Temp C° Point ignition  
 Fuel type # Stems per hectare DMC  
 Distance to water Crew size







