

#### Conservation status and main pressures and threats on forest habitats in the Alpine and Continental biogeographial regions

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#### Forests in Natura 2000



- 50% of the network is forest
- Most widespread habitat group in network
- Annex I habitat types
- Other forest types as habitat for species (including birds)
- Some forests strictly protected, others managed commercially

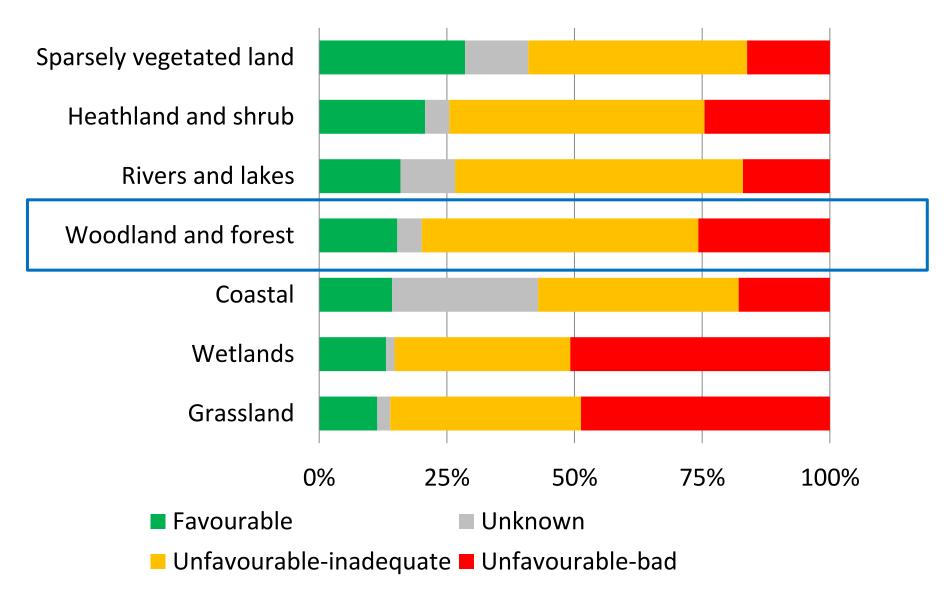


# Most widespread Annex I forest types include several beech woods

All regions	Alpine	Continental
9120 Atlantic acidophilous	9040 Nordic	9120 Atlantic acidophilous
beech forests with <i>llex</i>	subalpine/subarctic	beech forests with <i>llex</i>
and sometimes also <i>Taxus</i>	forests with <i>Betula</i>	and sometimes also <i>Taxus</i>
in the shrublayer	pubescens ssp.	in the shrublayer
(Quercion robori-petraeae	czerepanovii	(Quercion robori-petraeae
or <i>Ilici-Fagenion</i> )		or Ilici-Fagenion)
9230 Galicio-Portuguese oak	9410 Acidophilous <i>Picea</i> forests	9170 Galio-Carpinetum oak-
woods with Quercus robur	of the montane to alpine	hornbeam forests
and Quercus pyrenaica	levels ( <i>Vaccinio-Piceetea</i> )	
91D0 Bog woodland	9130 <i>Asperulo-Fagetum</i> beech	9110 <i>Luzulo-Fagetum</i> beech
	forests	forests
9340 Quercus ilex and Quercus	91V0 Dacian Beech forests	91M0 Pannonian-Balkanic
rotundifolia forests	(Symphyto-Fagion)	turkey oak –sessile oak
		forests
9010 Western Taïga	9110 <i>Luzulo-Fagetum</i> beech	9130 <i>Asperulo-Fagetum</i> beech
	forests	forests

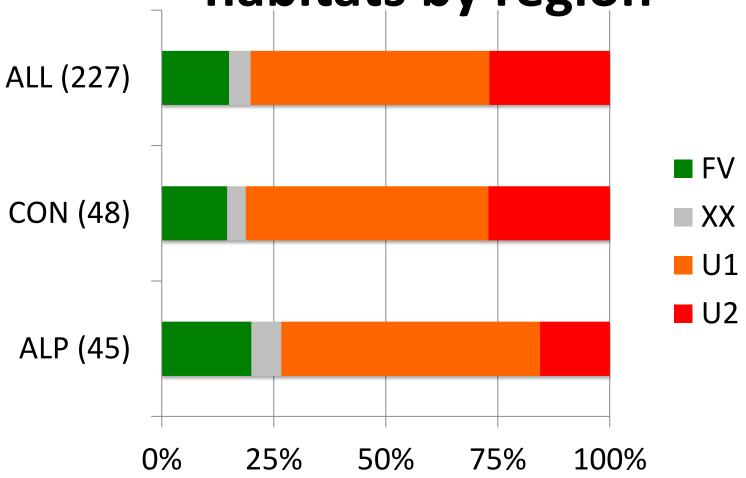


## Conservation status of terrestrial habitats





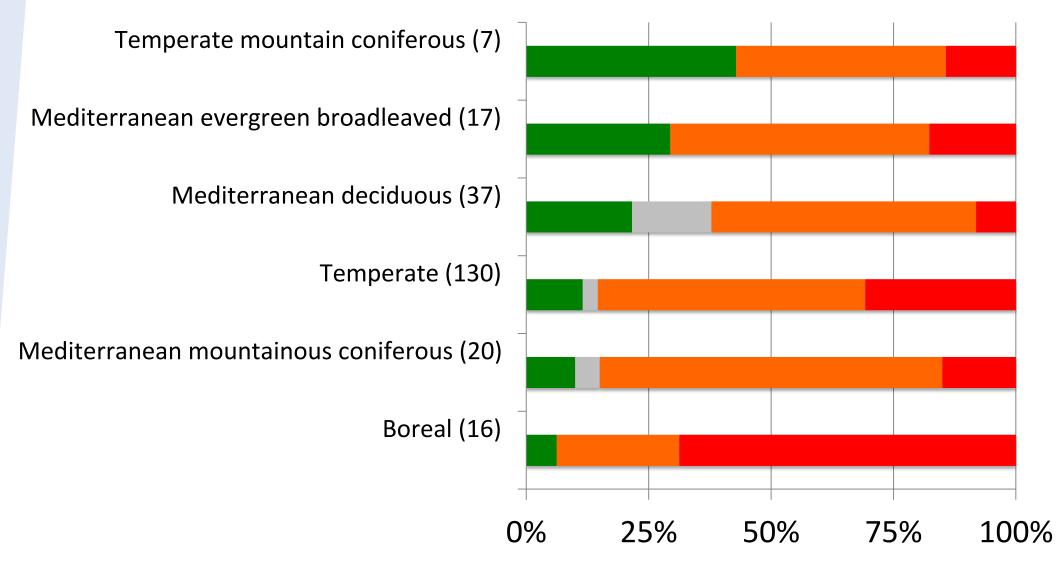
# Conservation Status of forest habitats by region



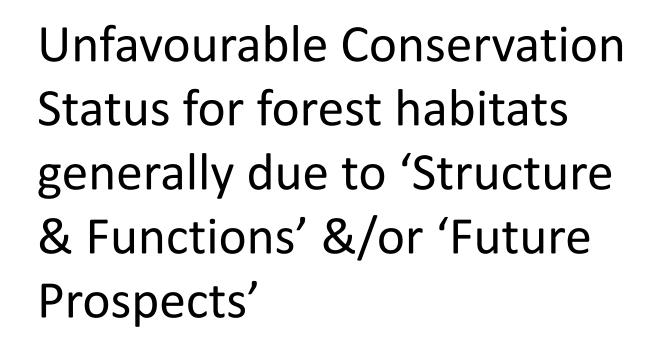
Conservation Status 'better' in Alpine region than elsewhere



# Conservation Status by forest type (all regions)







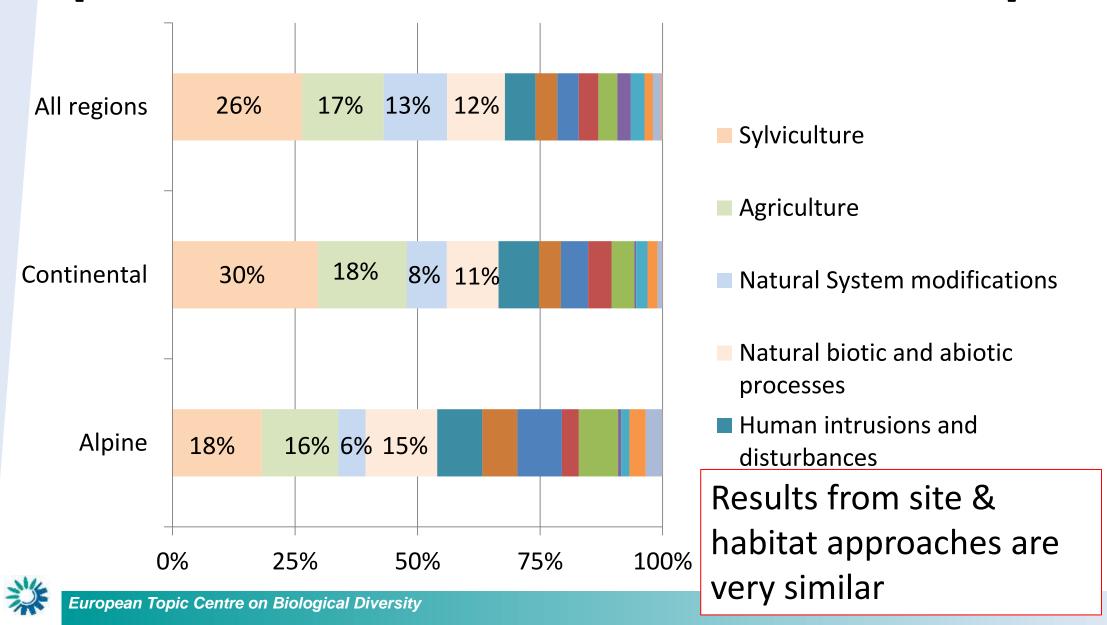


# Most frequently reported pressures on forest habitats [Article 17 reports]

All regions	Continental	Alpine
Forest and Plantation management & use	Forest and plantation management & use	Forest and Plantation management & use
Changes in water bodies conditions	Changes in water bodies conditions	Changes in water bodies conditions
Vegetation succession/Biocenotic evolution	Vegetation succession/Biocenotic evolution	Sport and leisure infrastructures



### Impacts on forest Natura 2000 sites [from Standard Data Forms for sites >75% forest]



### Reporting is at different levels so difficult to extract detail but similar patterns across regions

Source	Rank	Alpine	Continental	All regions
Sites (SDF)	1st	removal of dead and dying trees	removal of dead and dying trees	removal of dead and dying trees
	2nd	forestry clearance	forest replanting	forest replanting
	3rd	forest replanting	forestry clearance	forestry clearance
Habitats (Art 17)	1st	removal of dead and dying trees	removal of dead and dying trees	removal of dead and dying trees
	2nd	forestry clearance	forest replanting	forest replanting
	3rd	forest replanting	forestry clearance	forestry clearance



Again similar results

#### Agriculture frequently noted as a pressure/impact both for sites and habitats

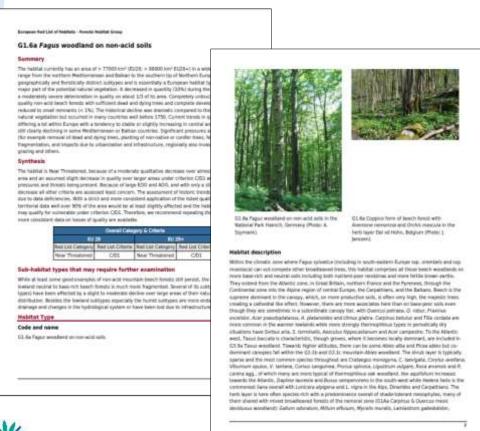


reports at level 2 & 3 suggest this is mostly related to grazing



#### The Red List of European Habitats

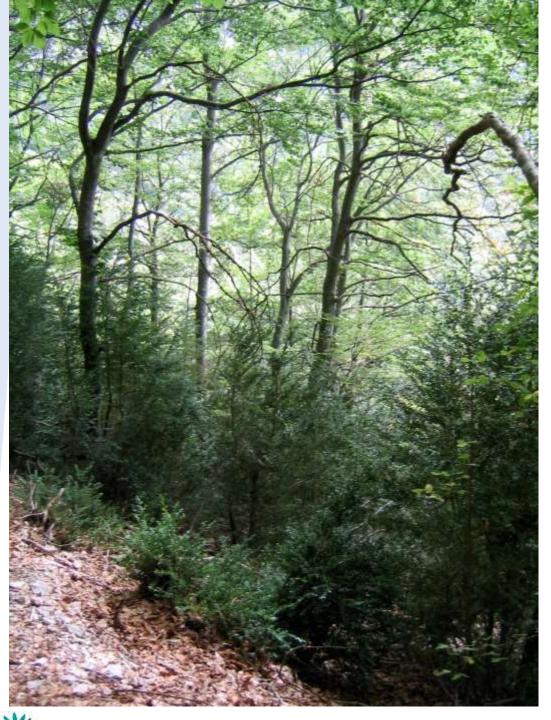
- A DG Environment funded project assessing risk of 'collapse' for natural
   & semi-natural EUNIS level 3 habitats using modified IUCN criteria
- Report delivered in mid June, includes data sheets with information on distribution, pressures, etc.
- Relatively few forest habitats assessed as 'threatened'



#### Main Pressures and Threats

- logging, deforestation
- plantation forestry
- inappropriate forestry management
- draining of wet forests
- forest grazing
- nutrient enrichment
- acidification
- dead wood removal
- natural succession in formerly traditionally managed forests (coppices, wood pastures)





For Article 17 reports see

http://bd.eionet.europa.eu/ article17/reports2012/

Thank you



#### **Further information**

