



7110 *Active raised bogs*

Habitat code	7110
Priority	Yes
Habitat group	Bogs, mires & fens
Regions	Alpine, Atlantic, Boreal, Continental, Macaronesian, Mediterranean, Pannonian

Raised bogs are typical of northwest Europe and it is common in the Boreal region, but scattered over most part of Europe except in the south. There are even a special type in the Azores in the Macaronesian region. In Northern Sweden it is often included in 7310 Aapa mires and not mapped separately.

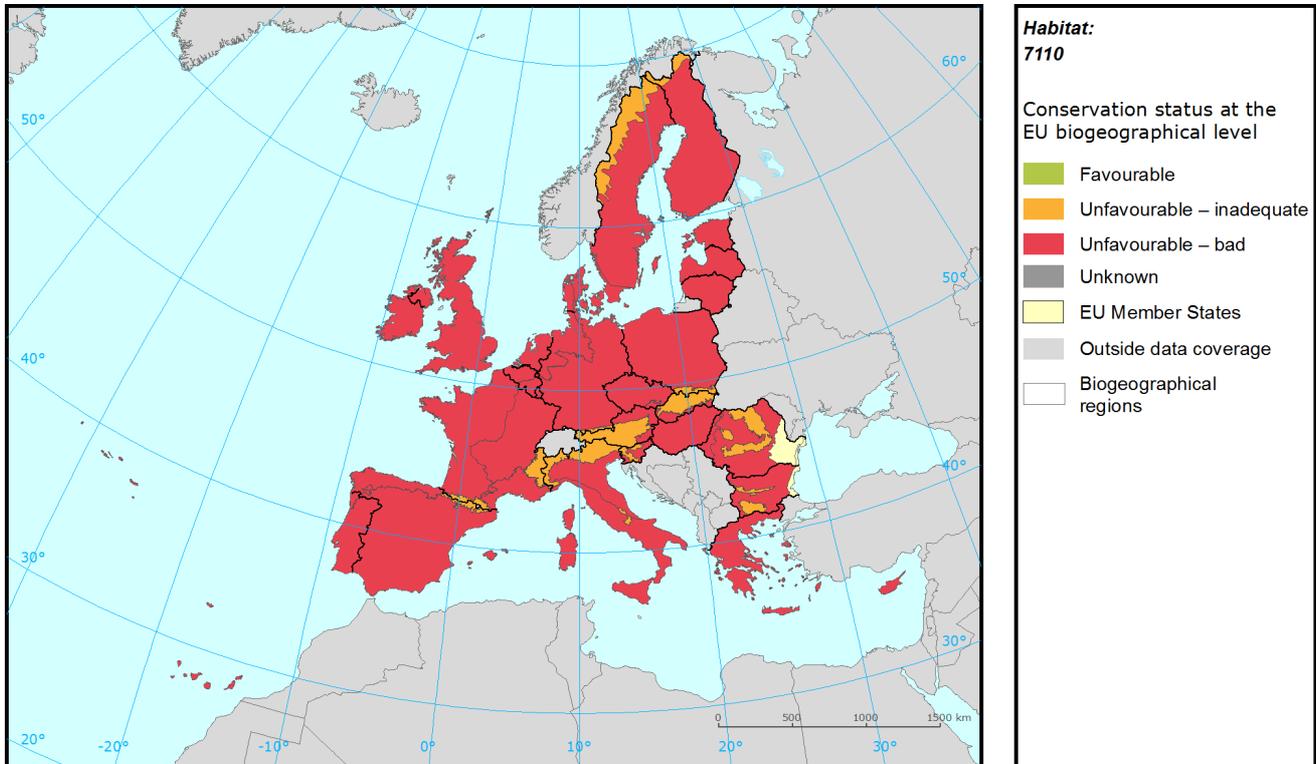
The habitat is assessed as "unfavourable bad" in all seven regions it occurs in except the Alpine region where it is "unfavourable inadequate" due to several remote sites that have not been affected by man or climate change. For all regions the area is below the reference value in four regions it is declining. The only "favourable" parameter is range in Boreal and Macaronesian regions.

The main threats are peat extraction, drainage for several purposes, nitrogen pollution and change of climate. The two first, even ongoing, are historically the main reason for the negative trend for raised bogs. The last decades the nitrogen deposition has changed the nutrient poor habitat dramatically especially in species composition. For the future the climate change will change the conditions for the habitat.

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level



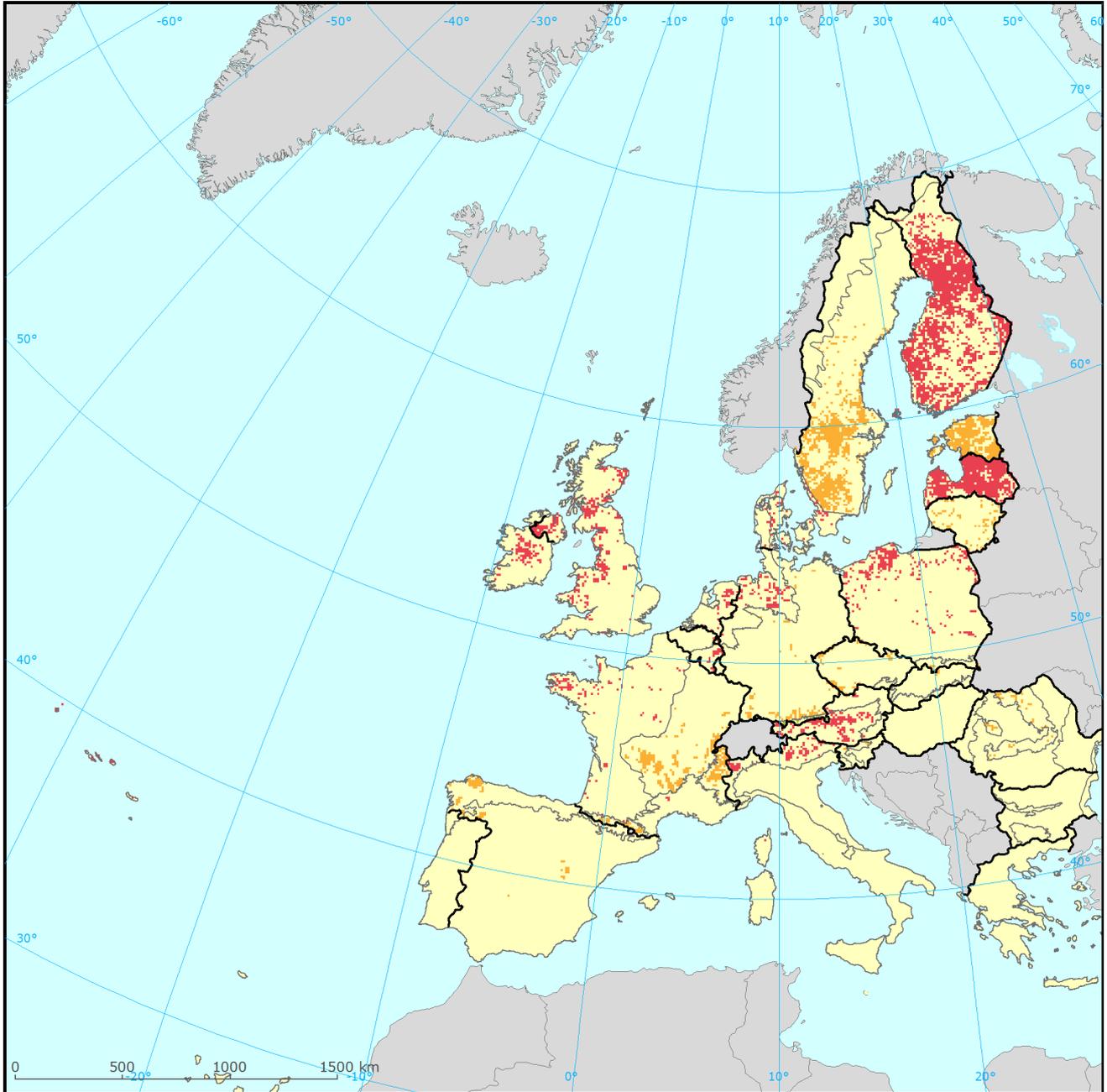
Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Area	Structure & Functions	Future prospects					
ALP	U1	U1	U1	U1	U1	-	9	U2	Not genuine
ATL	U1	U2	U2	U2	U2	-	13	U2	
BOR	FV	U2	U2	U2	U2	-	63	U1	Not genuine
CON	U1	U2	U2	U2	U2	-	14	U2	
MAC	FV	U2	U1	U1	U2	=	0.32	U2	
MED	U1	U2	U1	U2	U2	-	0.67	U2	
PAN	U1	U2	U1	U1	U2	=	0.02	U1	Not genuine

See the endnote for more informationⁱ

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the Member State level



Habitat: 7110

Distribution and conservation status at the Member State level

- | | |
|---|--|
|  Favourable |  EU Member States |
|  Unfavourable – inadequate |  Outside data coverage |
|  Unfavourable – bad |  Biogeographical region |
|  Unknown | |

The map shows both Conservation Status and distribution using a 10 km x 10 km grid. Conservation status is assessed at biogeographical level. Therefore the representation in each grid cell is only illustrative.

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

MS	Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Area	Structure & functions	Future prospects					
AT	ALP	U1	U2	U1	U1	U2	=	33.9	U2	
DE	ALP	FV	FV	FV	FV	FV		3.7	FV	
ES	ALP	U1	U1	U1	U1	U1	-		XX	Changed method
FR	ALP	FV	FV	U1	U1	U1	=	27.1	U2	
IT	ALP	U1	U1	U2	U2	U2	-	18.9	FV	Changed method
PL	ALP	FV	U1	U1	U1	U1	=	2.6	U1	
RO	ALP	U1	U1	FV	U1	U1		11.0		
SI	ALP	FV	FV	U1	FV	U1	=	1.4	U1	
SK	ALP	U1	U1	FV	U1	U1	=	1.4	U1	
BE	ATL	U2	U2	U2	U1	U2	=	0.2	U2	
DE	ATL	XX	U2	U2	U1	U2	=	11.9	U2	
DK	ATL	FV	U2	U2	U2	U2	+	0.8	U2	Genuine
ES	ATL	U1	U1	U1	U1	U1	-	7.7	XX	Changed method
FR	ATL	U1	U1	U2	U2	U2	-	13.9	U2	
IE	ATL	U2	U2	U2	U2	U2	-	12.1	U2	Genuine
NL	ATL	U2	U2	U2	U1	U2	=	6.8	U2	
UK	ATL	FV	U2	U2	U2	U2	-	46.7	U2+	Genuine
EE	BOR	FV	FV	U1	FV	U1	+	9.9	U1-	Better data
FI	BOR	FV	U1	U2	U2	U2	-	49.4	U2	
LT	BOR	FV	U1	U1	U1	U1	=	2.4	U1	Genuine
LV	BOR	FV	U2	U1	U1	U2	-	16.4	U1	Changed method
SE	BOR	FV	U1	U1	U1	U1	=	21.9	U1	
AT	CON	U1	U2	U2	U2	U2	=	1.9	U2	
BE	CON	FV	U2	U2	U2	U2	+	3.3	U2	Genuine
CZ	CON	FV	FV	U1	U1	U1	=	10.0	U1	Changed method
DE	CON	U1	U1	U1	FV	U1	=	12.5	U1	
DK	CON	FV	U2	U2	U2	U2	+	4.1	U2	Genuine
FR	CON	U1	U1	U1	U1	U1	-	28.4	U2	
PL	CON	U1	U2	U1	U1	U2	=	36.7	U2	
SE	CON	FV	U2	U2	U2	U2	-	3.2	U2-	
PT	MAC	FV	U2	U1	U1	U2	=	100.0	U2	
ES	MED	U1	U1	U1	U1	U1	-	84.8	XX	Changed method
FR	MED	FV	U2	U1	U2	U2	-	15.2	U2	

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

MS	Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Area	Structure & functions	Future prospects					
HU	PAN	U1	U2	U1	U1	U2	=	100.0	U1	Changed method

Knowing that not all changes in conservation status between the reporting periods were genuine, Member States were asked to give the reasons for changes in conservation status. Bulgaria and Romania only joined the EU in 2007 and Greece did not report for 2007-12 so no reason is given for change for these countries. Greek data shown above is from 2001-06.

Main pressures and threats reported by Member States

Member States were asked to report the 20 most important threats and pressures using an agreed hierarchical list which can be found on the [Article 17 Reference Portal](#). Pressures are activities which are currently having an impact on the habitats and threats are activities expected to have an impact in the near future. Pressures and threats were ranked in three classes 'high, medium and low importance'; the tables below only show threats and pressures classed as 'high', for some habitats there were less than ten threats or pressures reported as highly important.

Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
J02	Changes in water bodies conditions	34
H04	Air pollution, air-borne pollutants	11
K02	Vegetation succession/Biocenotic evolution	11
C01	Mining and quarrying	8
A04	Grazing by livestock	7
A08	Fertilisation in agriculture	7
H01	Pollution to surface waters	5
A07	Use of 'pesticides' in agriculture	4
J03	Other changes to ecosystems	4
A09	Irrigation in agriculture	1

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
J02	Changes in water bodies conditions	30
H04	Air pollution, air-borne pollutants	12
K02	Vegetation succession/Biocenotic evolution	11
C01	Mining and quarrying	8
A04	Grazing by livestock	7
A08	Fertilisation in agriculture	7
H01	Pollution to surface waters	5
A07	Use of 'pesticides' in agriculture	4
M01	Abiotic changes (climate change)	4
J03	Other changes to ecosystems	3

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

Proportion of population covered by the Natura 2000 network

Member States were asked to report the area of the habitat which is covered by the Natura 2000 network. The percentage of the habitat area covered by the network was estimated by comparing the area within the network and the total area in the biogeographical/marine region.

Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	ALP	ATL	BOR	CON	MAC	MED	PAN
AT	12			67			
BE		95		99			
CZ				93			
DE	73	x		94			
DK		100		96			
EE			84				
ES	100	100*				100*	
FI			32				
FR	41	x		95		100	
HU							100
IE		72					
IT	74						
LT			69				
LV			26				
NL		92					
PL	97			97			
PT					100		
RO	88						
SE			27	89			
SI	100						
SK	100						
UK		51					

See the endnotes for more informationⁱⁱ

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

Most frequently reported conservation measures

Member States were asked to report up to 20 conservation measures being implemented for this habitat using an agreed list which can be found on the Article 17 Reference Portal. Member States were further requested to highlight up to five most important ('highly important') measures; the table below only shows measures classed as 'high', for many habitats there were less than ten measures reported as highly important.

Ten most frequently reported 'highly important' conservation measures

Code	Measure	Frequency
4.2	Restoring/improving the hydrological regime	27
6.1	Establish protected areas/sites	20
6.3	Legal protection of habitats and species	12
2.1	Maintaining grasslands and other open habitats	11
6.0	Other spatial measures	6
7.4	Specific single species or species group management measures	5
2.0	Other agriculture-related measures	3
4.0	Other wetland-related measures	3
6.2	Establishing wilderness areas/ allowing succession	3
6.5	Adaptation/ abolition of military land use	3

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2013 and covering the period 2007-2012. More detailed information, including the MS reports, is available at:
<http://bd.eionet.europa.eu/article17/reports2012/habitat/summary/?group=Bogs%2C+mires+%26+fens&period=3&subject=7110>

Habitat: 7110 *Active raised bogs*

Report under the Article 17 of the Habitats Directive

i Assessment of conservation status at the European biogeographical level: Current Conservation Status (Current CS) shows the status for the reporting period 2007-2012, Previous Conservation Status (Previous CS) for the reporting period 2000-2006. Reason for change in conservation status between the reporting periods indicates whether the changes in the status were genuine or not genuine. Previous Conservation Status was not assessed for Steppic, Black Sea and Marine Black Sea regions. For these regions the Previous status is therefore considered as 'unknown'. The percentage of the habitat area occurring within the biogeographical/marine region (% in region) is calculated based on the area of GIS distribution.

ii Percentage of coverage by Natura 2000 sites in biogeographical/marine region: In some cases the population size within the Natura 2000 network has been estimated using a different methodology to the estimate of overall population size and this can lead to percentage covers greater than 100%. In such case the value has been given as 100% and highlighted with an asterisk (*). The value 'x' indicates that the Member State has not reported the habitat area and/or the coverage by Natura 2000. No information is available for Greece. The values are only provided for regions, in which the occurrence of the habitat has been reported by the Member States.