



7210 *Calcareous fens with Cladium mariscus and species of the Caricion davallianae*

Habitat code	7210
Priority	Yes
Habitat group	Bogs, mires & fens
Regions	Alpine, Atlantic, Boreal, Continental, Mediterranean, Pannonian

Calcium-rich fens dominated by the great fen sedge (*Cladium mariscus*) often in association with other wetland habitats such as reedbeds, fens (including 7230 Alkaline fens) and humid grasslands. This habitat is widespread, if local, throughout Europe although absent from the north of Fenno-scandinavia and from Macaronesia.

Assessed as "unfavourable-inadequate" for the Alpine, Continental and Medeterrian regions. However there is much variation in the country assessments.

Assessed as "unfavourable bad" for the Atlantic region due to bad situation in Ireland. "Favourable" in Boreal and Pannonic regions.

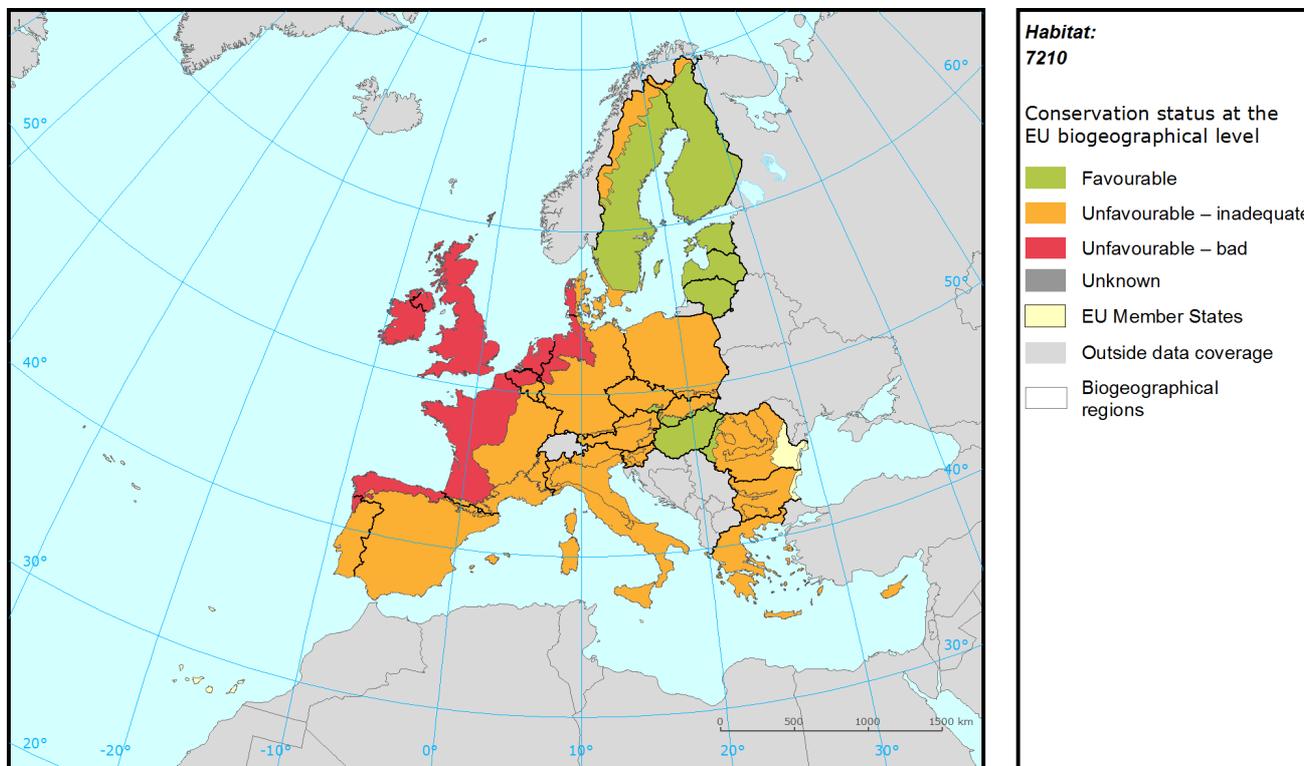
A variety of threats and pressures have been reported but most countries mention changes to the water regime, changes in agricultural practices and pollution/eutrophication.

Better information required from Denmark, Greece, Slovenia and Spain.

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Assessment of conservation status at the European biogeographical level

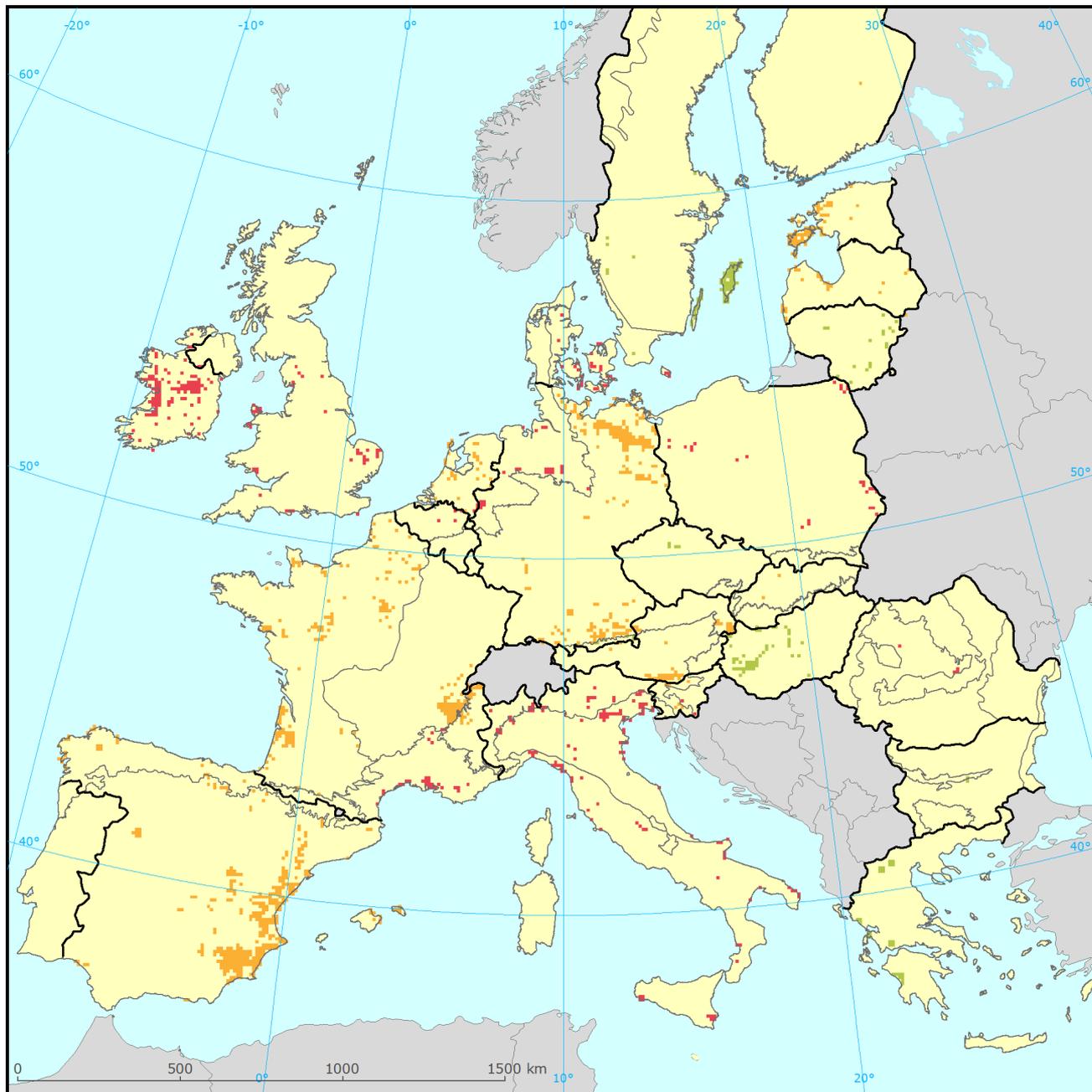


Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Area	Structure & Functions	Future prospects					
ALP	U1	U1	FV	U1	U1	-	6	U1	
ATL	FV	U1	U2	U2	U2	+	25	U1	Not genuine
BOR	FV	FV	FV	FV	FV	=	12	U2	Not genuine
CON	FV	U1	U1	U1	U1	-	27	U1	
MED	U1	XX	FV	U1	U1	x	28	U1	
PAN	FV	FV	FV	FV	FV		3	U1	Not genuine

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



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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.

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		Range	Area	Structure & functions	Future prospects					
AT	ALP	U1	U1	FV	U1	=	32.9	U2	Changed method	
DE	ALP	FV	FV	FV	FV		9.4	FV		
FR	ALP	U1	U1	FV	U1	-	25.9	U1		
IT	ALP	U2	U2	U2	U2	-	21.2	U1	Changed method	
SI	ALP	FV	U1	XX	U1	=	8.2	U1		
SK	ALP	FV	U1	U1	U1	=	2.4	U1		
BE	ATL	FV	U2	U1	FV	U2	=	1.1	U1	Changed method
DE	ATL	U1	U2	U2	U2	-	6.7	U2	Better data	
ES	ATL	U1	FV	U1	U1	+	7.2	XX	Changed method	
FR	ATL	FV	U1	FV	U1	=	37.7	U1		
IE	ATL	FV	U1	U2	U2	x	28.6	U2		
NL	ATL	FV	FV	U1	FV	=	8.6	U1		
UK	ATL	FV	U2	U2	U1	U2	+	10.2	U2-	Better data
EE	BOR	FV	FV	U1	U1	U1	=	36.8	U2-	Better data
FI	BOR	FV	U1	U1	U1	U1	-	1.1	U1	Genuine
LT	BOR	FV	FV	FV	FV	FV		9.8	FV	
LV	BOR	FV	FV	U1	U1	U1	=	14.9	FV	Changed method
SE	BOR	FV	FV	FV	FV	FV		37.4	FV	
AT	CON	U1	U1	FV	U1	U1	=	3.9	U2	Changed method
BG	CON	FV	FV	FV	FV	FV		0.5		
CZ	CON	FV	FV	FV	FV	FV		1.0	FV	
DE	CON	FV	U1	U1	U1	U1	=	52.2	U1	
DK	CON	FV	XX	U2	U2	U2	+	7.1	U2	
FR	CON	FV	U1	U1	U1	U1	-	13.1	U1	
IT	CON	U1	U2	U1	U1	U2	-	13.1	FV	Changed method
PL	CON	FV	U2	U1	U1	U2	=	6.7	U1	Better data
RO	CON	U1	U1	U1	U2	U2		1.0		
SE	CON	FV	FV	FV	FV	FV		1.0	FV	
SI	CON	FV	U2	U2	U2	U2	=	0.5	U1	Genuine
ES	MED	U1	XX	FV	U1	U1	x	79.1	XX	Changed method
FR	MED	FV	U2	U1	U2	U2	-	6.8	U1	Genuine
GR	MED	FV	FV	FV	XX	FV		2.6	FV	
IT	MED	U1	U1	U2	U2	U2	-	11.5	FV	Changed method

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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	FV	FV	FV	FV	FV	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	25
H01	Pollution to surface waters	13
K02	Vegetation succession/Biocenotic evolution	13
E01	Urbanisation and human habitation	7
D01	Roads, railroads and paths	5
H02	Pollution to groundwater	5
A01	Agricultural cultivation	4
A02	Modification of cultivation practices	4
A04	Grazing by livestock	4
A07	Use of 'pesticides' in agriculture	4

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Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
J02	Changes in water bodies conditions	29
K02	Vegetation succession/Biocenotic evolution	16
H01	Pollution to surface waters	7
H02	Pollution to groundwater	7
A04	Grazing by livestock	5
E01	Urbanisation and human habitation	5
A01	Agricultural cultivation	4
A07	Use of 'pesticides' in agriculture	4
A08	Fertilisation in agriculture	4
D01	Roads, railroads and paths	4

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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	MED	PAN
AT	37			80		
BE		100				
BG				100		
CZ				100		
DE	86	100		94		
DK				30		
EE			79			
ES		30			23	
FI			7			
FR	x	x		81	100	
HU						76
IE		66				
IT	99			99	98	
LT			80			
LV			100			
NL		90				
PL				84		
RO				100		
SE			15	67		
SI	15			100		
SK	100					
UK		100				

See the endnotes for more informationⁱⁱ

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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
6.1	Establish protected areas/sites	24
6.3	Legal protection of habitats and species	17
4.1	Restoring/improving water quality	13
4.2	Restoring/improving the hydrological regime	13
2.1	Maintaining grasslands and other open habitats	8
4.0	Other wetland-related measures	5
4.3	Managing water abstraction	5
6.4	Manage landscape features	5
7.4	Specific single species or species group management measures	3
9.1	Regulating/Management exploitation of natural resources on land	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=7210>

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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.