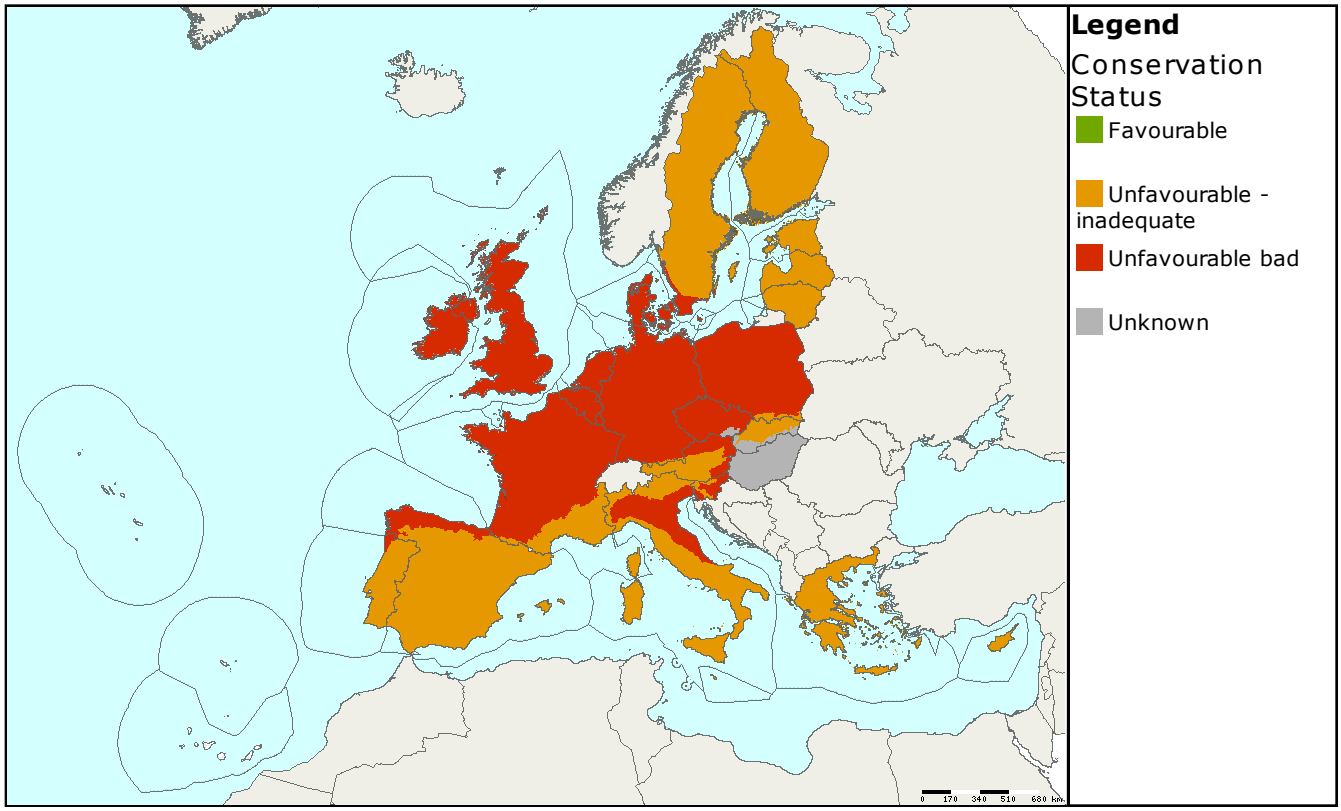
Habitats Directive Article 17 Reporting

European Environment Agency

Habitat code: **3140**
Habitat name: **Hard oligo-mesotrophic waters with benthic vegetation of Chara spp.**

Habitat group: **freshwater habitats**
Regions: **ALP ATL BOR CON MED PAN**

Assessments of conservation status at the European level (all biogeographical regions - EU25)

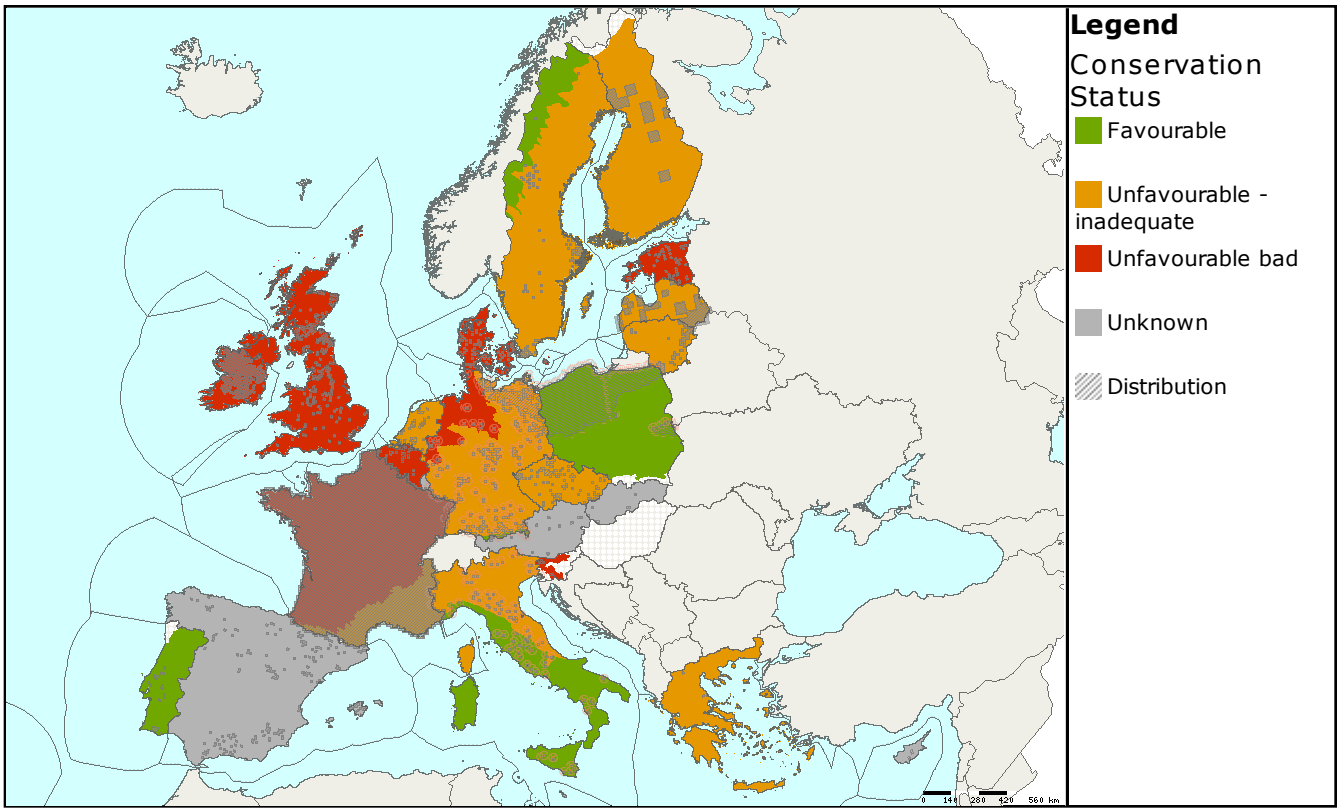


MS	Biogeographic Region	Conservation status assessment					Km^2	Trend in area
		Range	Area	Structure & function	Future prospects	Overall		
EU25	ALP						184	
EU25	ATL						>804	
EU25	BOR						701	-
EU25	CON						>1188	
EU25	MED						>197	
EU25	PAN						0.39	

Stoneworts (*Chara* spp) are aquatic green algae usually found in lakes which are nutrient poor but base rich. The plants often become encrusted with lime. Such lakes are widespread, particularly in northern Europe and the habitat has been reported from all biogeographic regions except Macaronesia.
Although reported as 'favourable' in Poland (Continental), Portugal (Mediterranean) and Alpine Sweden this habitat is assessed as unfavourable by most countries and for all regions except the Pannonic where it is assessed as 'unknown' with 'unfavourable-bad' in the Atlantic and Continental regions. 'Structure & functions' and 'future prospects' are assessed as unfavourable (or unknown) in all regions.
Many countries note that the threats to this habitat include problems with water quality,

together with drainage and habitat destruction.
The Polish Continental assessment as 'favourable' for area is not compatible with the reported negative trend and the Polish NGOs note that 'structure & function' is unlikely to be 'favourable' in Poland due to eutrophication.

Assessments of conservation status as reported by Member states (all biogeographical regions - EU25)



MS	Biogeographic Region	Conservation status assessment					Km^2	Trend in area	Data quality
		Range	Area	Structure & function	Future prospects	Overall			
AT	ALP						40	X	3
DE	ALP						10	+	2
ES	ALP						0.1	X	2
FR	ALP						12	X	2
IT	ALP						13	=	2
SE	ALP						105	=	1
SI	ALP						4	-	1
SK	ALP						0.22	X	3
BE	ATL						2.04	=	2
DE	ATL						1.52	=	1
DK	ATL						20	=	2
ES	ATL						N/A	N/A	
FR	ATL						80	-	2
IE	ATL						595	=	3
NL	ATL						47	=	1
UK	ATL						58.8	X	2
EE	BOR						23	-	1
FI	BOR						4	=	2
LT	BOR						310	=	3
LV	BOR						110	=	3
SE	BOR						254	=	1

MS	Biogeographic Region	Conservation status assessment					Km^2	Trend in area	Data quality
		Range	Area	Structure & function	Future prospects	Overall			
AT	CON						10	X	3
BE	CON						0.01	=	3
CZ	CON						0.4	=	2
DE	CON						1067.58	X	3
DK	CON						55	=	2
FR	CON						29	X	2
IT	CON						5	=	2
LU	CON						N/A	N/A	
PL	CON						N/A	-	2
SE	CON						21	=	1
CY	MED						0.01	X	3
EL	MED						0.083	=	1
ES	MED						120.53	-	1
FR	MED						16	=	2
IT	MED						57	=	2
MT	MED						3	X	3
PT	MED						N/A	=	
CZ	PAN						0.01	=	2
SK	PAN						0.38	X	3

Data quality is based on as assessment by each Member State, 1 = good, 2 = medium, 3 = poor

This information is derived from the Member State national reports submitted to the European Commission under Article 17 of the Habitats Directive in 2007 and covering the period 2001-2006. More detailed information is available at http://biodiversity.eionet.europa.eu/article17