



1170 Reefs

Habitat code	1170
Priority	No
Habitat group	Coastal habitats
Regions	Marine Atlantic, Marine Baltic, Marine Black Sea, Marine Macaronesian, Marine Mediterranean

Coastal reef habitat is present in the Marine Atlantic and Marine Baltic Sea as well as in Marine Black Sea, Mediterranean and Macaronesian bio geographical regions. These habitats are reported mainly threatened by fishing, pollution and temperature changes.

It is assessed as unfavorable bad in the Marine Atlantic region due to several Member states reporting bad Structure and functioning and bad future prospect. In 2007 the status was XU and the change is considered genuine since in Ireland (having 22% of distribution area) there is a true deterioration from inadequate to bad between assessments periods.

In the Marine Baltic Region it is assessed as unfavorable-inadequate due to poor Structure and functioning and poor future prospect. In 2007 status was unfavorable bad. The change is considered not genuine since all Member states reports that change is due to more accurate data or use of different method.

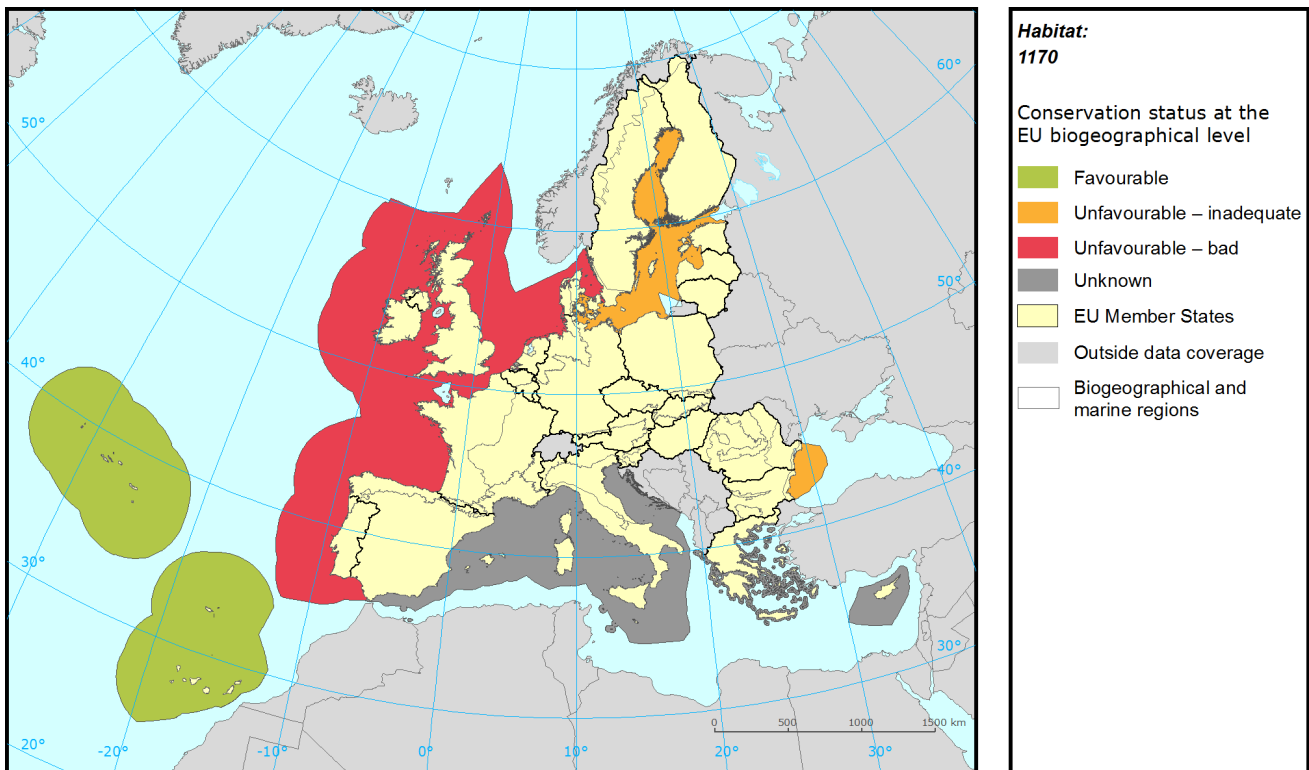
In the Marine Black Sea region status is also unfavorable-inadequate due to poor Structure and functioning of the habitat. However there is a lack of information for all other parameters. Since the two reporting member states Bulgaria and Romania joined after last assessment no comparison with 2007 status is possible.

In Marine Macaronesian status is favorable, the same as in 2007. In Marine Mediterranean the status is unknown since both Structure and functioning and future prospects are unknown. In 2007 status was unfavorable-inadequate, however the change is considered not genuine since it is due to better data and change in methods.

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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					
MATL	XX	XX	U2	U2	U2	-	65	XX	Genuine
MBAL	FV	FV	U1	U1	U1	-	21	U2	Not genuine
MBLS	XX	XX	U1	XX	U1	-	0.47	XX	Not genuine
MMAC	FV	FV	XX	FV	FV		6	FV	
MMED	FV	FV	XX	XX	XX	=	8	U1	Not genuine

See the endnote for more informationⁱ

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Report under the Article 17 of the Habitats Directive

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 and marine regions |
| 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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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					
BE	MATL	U1	U1	U2	U1	U2	x	0.8		Better data
DE	MATL	U1	U1	U2	U2	U2	x	1.0	U1	Changed method
DK	MATL	FV	FV	U2	U2	U2	=	0.9	U2	
ES	MATL	FV	FV	XX	XX	XX		3.1	XX	
FR	MATL	FV	FV	U1	U1	U1	x	3.0	U1	
IE	MATL	FV	FV	U2	U2	U2	-	22.4	U1	Genuine
NL	MATL	FV	FV	U1	U1	U1	x	0.5		
PT	MATL	FV	FV	U1	XX	U1	x	4.7	XX	Better data
SE	MATL	FV	U1	U2	U2	U2	=	1.8	U2-	Better data
UK	MATL	XX	XX	U1	XX	U1	-	61.8	XX	Changed method
DE	MBAL	FV	U1	U1	U1	U1	x	5.9	XX	Better data
DK	MBAL	FV	FV	U2	U2	U2	=	6.1	U2	
EE	MBAL	FV	FV	FV	FV	FV		3.2	FV	
FI	MBAL	FV	FV	U1	U1	U1	-	41.8	U1-	
LT	MBAL	FV	FV	FV	FV	FV		0.2	FV	
LV	MBAL	U2	U2	U2	XX	U2	x	3.2	FV	Better data
PL	MBAL	XX	XX	XX	XX	XX		1.3	FV	Changed method
SE	MBAL	FV	FV	U1	U1	U1	-	38.3	U2	Better data
BG	MBLS	XX	XX	U1	XX	XX		100.0		
RO	MBLS	FV	FV	FV	U1	U1	-			
ES	MMAC	FV	FV	XX	XX	XX		8.9		
PT	MMAC	FV	FV	XX	FV	FV		91.1	FV	
CY	MMED	FV	FV	FV	FV	FV		3.1	U1+	Better data
ES	MMED	FV	FV	XX	XX	XX		34.3		
FR	MMED	FV	FV	FV	FV	FV		12.4	U1	Better data
GR	MMED	XX	XX	U1	U1	U1		1.0	U1	
IT	MMED	FV	FV	XX	FV	FV		46.9	FV	
MT	MMED	FV	FV	XX	FV	FV		1.7	XX	Better data
SI	MMED	FV	FV	XX	XX	XX		0.3	FV	Better data
UK	MMED	FV	FV	FV	U1	U1	=	0.4	U1-	Genuine

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
F02	Fishing and harvesting aquatic resources	28
J02	Changes in water bodies conditions	13
H01	Pollution to surface waters	9
H03	Pollution to marine waters	9
G05	Other human intrusions and disturbances	7
I01	Invasive alien species	7
J03	Other changes to ecosystems	7
E03	Discharges (household/industrial)	4
G01	Outdoor sports, leisure and recreational activities	4
H04	Air pollution, air-borne pollutants	4

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
F02	Fishing and harvesting aquatic resources	32
J02	Changes in water bodies conditions	12
H03	Pollution to marine waters	10
C01	Mining and quarrying	5
G01	Outdoor sports, leisure and recreational activities	5
G05	Other human intrusions and disturbances	5
H01	Pollution to surface waters	5
H04	Air pollution, air-borne pollutants	5
I01	Invasive alien species	5
M01	Abiotic changes (climate change)	5

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

	MATL	MBAL	MBLS	MMAC	MMED
BE	40				
BG			40		
CY					49
DE	x	71			
DK	100	100			
EE		13			
ES	0			12	2
FI		16			
FR	45				x
IE	31				
IT					x
LT		100			
LV		73			
MT					56
NL	66				
PL		x			
PT	3			x	
RO			5		
SE	98	18			
SI					0
UK	26				100

See the endnotes for more informationⁱⁱ

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	19
6.3	Legal protection of habitats and species	14
7.3	Regulation/ Management of fishery in marine and brackish systems	14
4.1	Restoring/improving water quality	11
9.2	Regulating/Managing exploitation of natural resources on sea	10
5.0	Other marine-related measures	7
8.3	Managing marine traffic	7
5.1	Restoring marine habitats	4
6.0	Other spatial measures	4
4.0	Other wetland-related measures	1

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=Coastal+habitats&period=3&subject=1170>

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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.