



## **8320 *Fields of lava and natural excavations***

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<b>Habitat code</b>	8320
<b>Priority</b>	No
<b>Habitat group</b>	Rocky habitats
<b>Regions</b>	Macaronesian, Mediterranean

Fields of lava and natural excavations are sites and products of recent volcanic activity harbouring distinct biological communities

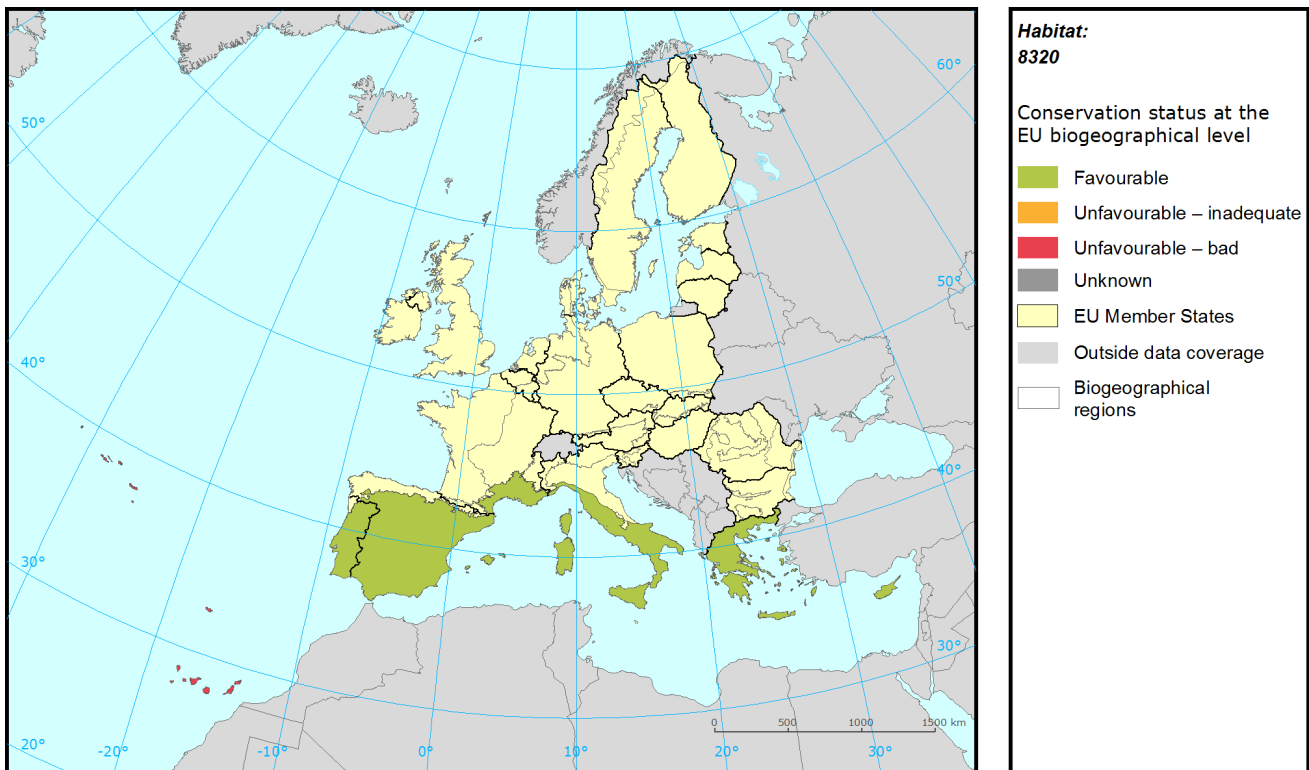
The conservation status of Fields of lava and natural excavations in the Macaronesian region is unfavorable bad, which is based on the unfavorable status assessments for area and range of Spain.

In the Mediterranean region lava and natural excavations have been assessed as favorable in all components, just as in the previous report.

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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					
MAC	U1	U2	XX	FV	U2	=	57	U1	Not genuine
MED	FV	FV	FV	FV	FV		43	FV	

See the endnote for more information<sup>1</sup>

# Habitat: 8320 *Fields of lava and natural excavations*

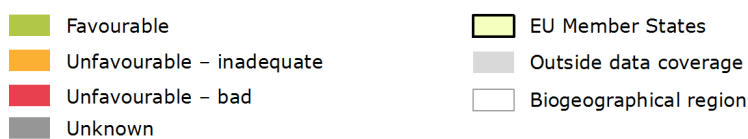
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## Assessment of conservation status at the Member State level



### **Habitat: 8320**

Distribution and conservation status at the Member State level



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: 8320 *Fields of lava and natural excavations*

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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					
ES	MAC	U2	U2	XX	FV	U2	=	49.3	U1	Changed method
PT	MAC	FV	FV	FV	FV	FV		50.7	FV	
GR	MED	FV	FV	FV	XX	FV		14.0	FV	
IT	MED	FV	FV	FV	FV	FV		86.0	FV	

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
C01	Mining and quarrying	25
H07	Other forms of pollution	25
I01	Invasive alien species	25
L01	Volcanic activity	25

### Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
I01	Invasive alien species	50
L01	Volcanic activity	50

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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

	MAC	MED
ES	80	
IT		92
PT	78	

See the endnotes for more information<sup>ii</sup>

## 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	33
2.0	Other agriculture-related measures	17
6.0	Other spatial measures	17
6.3	Legal protection of habitats and species	17
9.1	Regulating/Management exploitation of natural resources on land	17

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=Rocky+habitats&period=3&subject=8320>

# Habitat: 8320 *Fields of lava and natural excavations*

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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.