



2270 *Wooded dunes with Pinus pinea and/or Pinus pinaster*

Habitat code	2270
Priority	Yes
Habitat group	Dunes habitats
Regions	Continental, Mediterranean

Dunes with stone pine (*Pinus pinea*; sometimes known as the umbrella pine) &/or maritime pine (*Pinus pinaster*) are found along the coasts of all Mediterranean countries except Malta, including the Continental region of northern Italy. They also occur along the Atlantic coast of Portugal and Spain from Porto southwards. Previously reported (as Unknown) from the Atlantic coast of western France but now considered not to be present in this region.

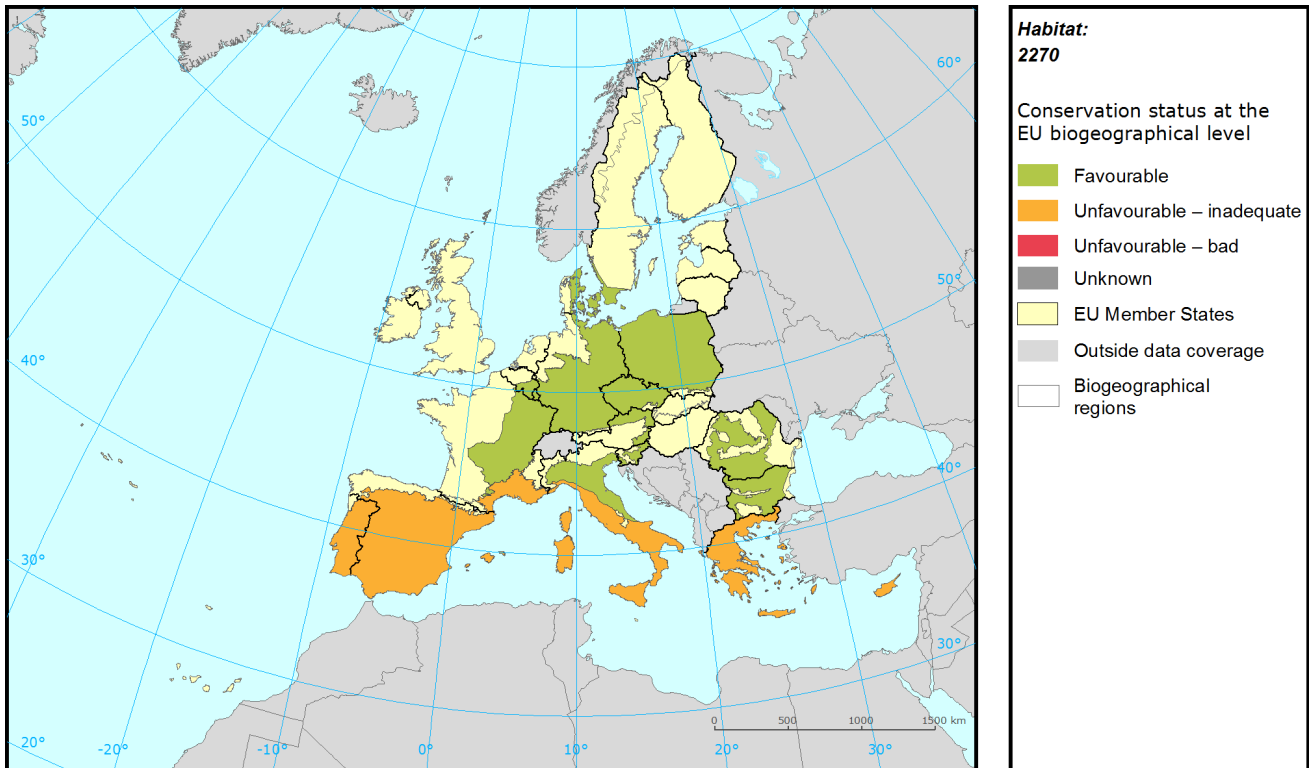
Considered Unfavourable inadequate (and deteriorating) for the Mediterranean region which has most of the habitat area but with two parameters unknown and no area reported from Portugal. The habitat is considered Favourable for the Continental region. There have been no changes since 2001-06.

Activities associated with urbanisation natural processes and invasive non-native species are reported as highly important.

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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					
CON	FV	FV	FV	FV	FV	=	10	FV	
MED	U1	U1	XX	XX	U1	-	90	U1	

See the endnote for more information¹

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Assessment of conservation status at the Member State level



Habitat: 2270

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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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					
IT	CON	FV	FV	FV	FV	FV		100.0	FV	
ES	MED	FV	XX	XX	U1	U1	x	18.6	XX	Changed method
FR	MED	FV	U1	U1	U2	U2	=	7.5	U2	
GR	MED	FV	FV	FV	XX	FV		2.5	FV	
IT	MED	U1	U1	U1	U1	U1	-	48.7	FV	Better data
PT	MED	U1	U1	XX	XX	U1	=	22.6	U1	

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
E01	Urbanisation and human habitation	38
E03	Discharges (household/industrial)	13
G05	Other human intrusions and disturbances	13
I01	Invasive alien species	13
K01	Abiotic natural processes	13
K02	Vegetation succession/Biocenotic evolution	13

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
E01	Urbanisation and human habitation	38
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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

	CON	MED
ES		16
FR		100
IT	89	71
PT		x

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
4.4	Restoring coastal areas	33
3.1	Restoring/improving forest habitats	17
3.2	Adapt forest management	17
6.1	Establish protected areas/sites	17
6.3	Legal protection of habitats and species	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=Dunes+habitats&period=3&subject=2270>

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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.