



Mauremys caspica

Annex	II, IV
Priority	No
Species group	Reptiles
Regions	Black Sea, Continental, Mediterranean

Mauremys caspica

The Caspian Turtle is reported by Bulgaria, Cyprus and Greece. According to the Reptile Database (<http://reptile-database.reptarium.cz/species?genus=Mauremys&species=caspica>) the species also occurs in the Balkan countries (including Croatia), Anatolia, most of the Middle East, and around the Caspian Sea. According to the species's wikipedia entry (http://en.wikipedia.org/wiki/Caspian_turtle) it occurs in permanent freshwater body, but also lives in irrigation canals and is quite tolerant of brackish water.

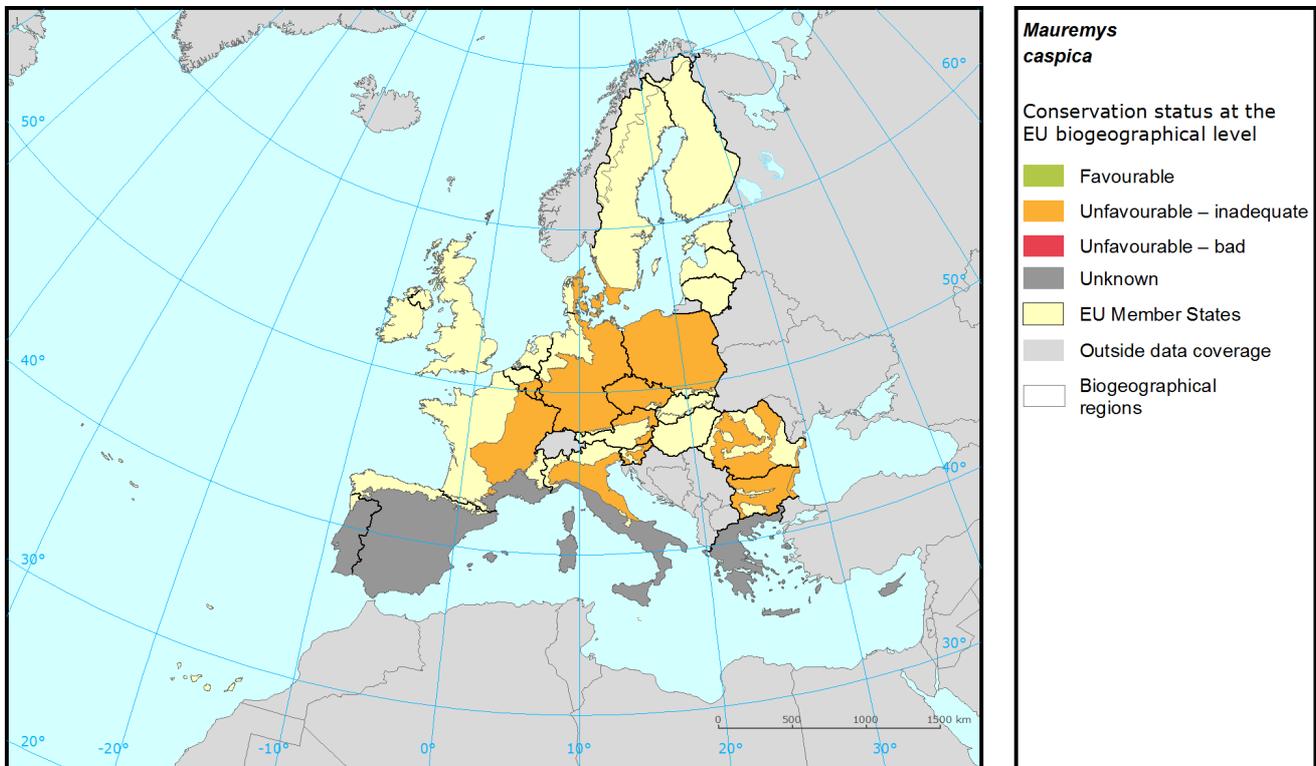
The species is reported by Bulgaria in the Black Sea and Continental biogeographical regions and by Cyprus and Greece in the Mediterranean biogeographical region. While the conservation status of the Black Sea and Continental biogeographical regions is assessed as 'unfavourable-inadequate', it has remained 'unknown' for the Mediterranean biogeographical region due to the failure of Greece to deliver a report. However, the conservation status in Cyprus has improved from 'unfavourable-bad' to 'unfavourable-inadequate' between the reporting periods due to a change in the methodology used for assessment. High-ranked pressures and threats reported by Cyprus include droughts, less precipitation and collection of animals, whereas Bulgaria reported roads, motorways and buildings as high-ranked pressures.

The IUCN Red List lists the the species as *Mauremys rivulata* and classifies its Red List category as 'least concern' due to its wide distribution, tolerance of a degree of habitat modification, presumed large population and as it is unlikely to be declining fast enough to be classified as threatened (<http://www.iucnredlist.org/details/158470/1> accessed on 18 March 2015).

Species: *Mauremys caspica*

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	Population	Habitat	Future prospects					
BLS	FV	FV	FV	U1	U1	-	9	XX	Not genuine
CON	FV	FV	FV	U1	U1	-	38	XX	Not genuine
MED	XX	XX	XX	FV	XX		54	XX	

See the endnote for more informationⁱ

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Assessment of conservation status at the Member State level



Mauremys caspica

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 of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Population	Habitat	Future prospects					
BG	BLS	FV	FV	FV	U1	U1	-	100.0		
BG	CON	FV	FV	FV	U1	U1	-	100.0		
CY	MED	FV	U1	FV	U1	U1	+	4.3	U2 Better data	
GR	MED	XX	XX	XX	FV	XX		95.7	XX	

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 species 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 species there were less than ten threats or pressures reported as highly important.

Ten most frequently reported 'highly important' pressures

Code	Activity	Frequency
D01	Roads, railroads and paths	25
E04	Scattered structures and buildings	25
F03	Hunting and collection of terrestrial wild animals	25
M01	Abiotic changes (climate change)	25

Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
F03	Hunting and collection of terrestrial wild animals	50
M01	Abiotic changes (climate change)	50

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Report under the Article 17 of the Habitats Directive

Proportion of population covered by the Natura 2000 network

For species listed in the Annex II of the Directive Member States were asked to report the population size within the Natura 2000 network. The percentage of species population covered by the network was estimated by comparing the population size within the network and the total population size in the biogeographical/marine region.

Percentage of coverage by Natura 2000 sites in biogeographical/marine region

	BLS	CON	MED
BG	x	x	
CY			45

See the endnotes for more informationⁱⁱ

Most frequently reported conservation measures

For species listed in the Annex II of the Directive Member States were asked to report up to 20 conservation measures being implemented for this species 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 species 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	30
6.3	Legal protection of habitats and species	30
9.1	Regulating/Management exploitation of natural resources on land	20
7.4	Specific single species or species group management measures	10
8.2	Specific management of traffic and energy transport systems	10

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/species/summary/?group=Reptiles&period=3&subject=Mauremys+caspica>

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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 species population 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 species population 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 species has been reported by the Member States.