



Proserpinus proserpina

Annex	IV
Priority	No
Species group	Arthropods
Regions	Alpine, Atlantic, Black Sea, Boreal, Continental, Mediterranean, Pannonian, Steppic

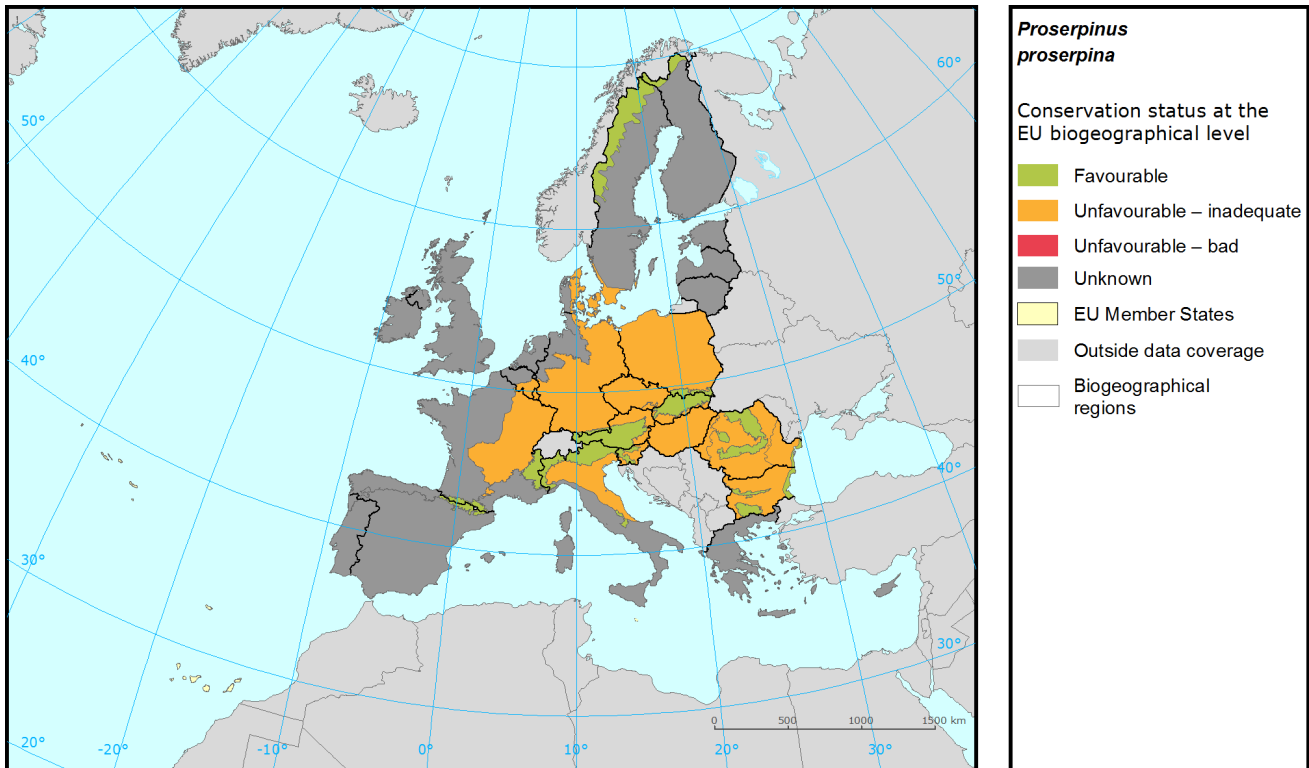
The Willowherb Hawkmoth (*Proserpinus proserpina*) is a moth species widely distributed in Europe, Middle East and Central Asia. Mainly found in damp, woodland clearings and edges of woods, especially in valleys.

Its conservation status is favourable in Alpine and Black Sea bioregions (improving from unknown date to Bulgaria - the new country with big populations), unfavourable-inadequate in Continental, Pannonian and Steppic bioregions (all previous unknown) and unknown in Atlantic, Boreal (both same as previous) and Mediterranean (previous unfavourable-bad).

According to IUCN species is 'data deficient'. The species is listed on the Habitats Directive Annex 4.

Species: *Proserpinus proserpina*
Report under the Article 17 of the Habitats Directive

Assessment of conservation status at the European biogeographical level

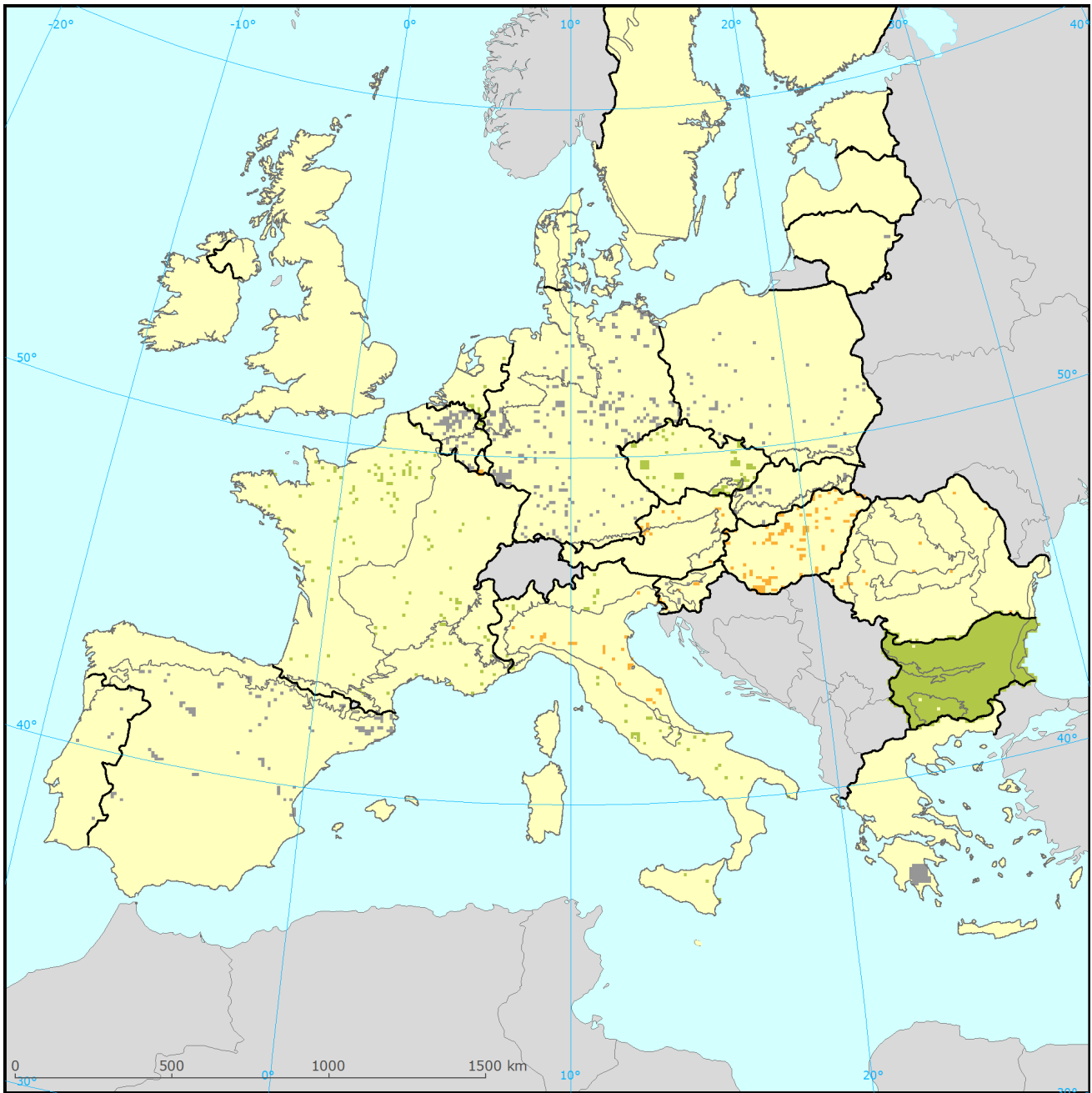


Region	Conservation status (CS) of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
	Range	Population	Habitat	Future prospects					
ALP	FV	FV	FV	FV	FV	=	10	XX	Not genuine
ATL	FV	XX	XX	XX	XX	x	8	XX	
BLS	FV	FV	FV	FV	FV	=	4	XX	Not genuine
BOR	XX	XX	XX	XX	XX	x	0.27	XX	
CON	FV	U1	FV	U1	U1	x	63	XX	Not genuine
MED	XX	XX	XX	XX	XX	x	8	U2	Not genuine
PAN	FV	U1	FV	U1	U1	x	6	XX	Not genuine
STE	FV	U1	U1	U1	U1	=	0.04	XX	Not genuine

See the endnote for more informationⁱ








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Assessment of conservation status at the Member State level



Proserpinus proserpina

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.

Species: *Proserpinus proserpina*

Report under the Article 17 of the Habitats Directive

MS	Region	Conservation status of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Population	Habitat	Future prospects					
AT	ALP	U1	U1	U1	U1	=	1.3	U1	Changed method	
BG	ALP	FV	FV	FV	FV		79.6			
FR	ALP	FV	FV	FV	XX		3.1	FV		
IT	ALP	FV	FV	FV	FV		6.7	U2	Changed method	
PL	ALP	XX	XX	XX	XX			XX		
RO	ALP	FV	U1	U1	U1		0.4			
SI	ALP	XX	XX	XX	XX		2.2	U1	Changed method	
SK	ALP	XX	XX	XX	XX		6.7	XX		
BE	ATL	FV	XX	XX	XX		26.1			
DE	ATL	XX	XX	FV	XX		21.7	XX	No data	
ES	ATL	XX	XX	XX	XX		2.7	XX		
FR	ATL	FV	FV	FV	FV		42.4	FV		
NL	ATL	FV	FV	FV	FV		7.1	FV		
BG	BLS	FV	FV	FV	FV		100.0			
LT	BOR	XX	XX	XX	XX		50.0	XX		
LV	BOR	XX	XX	XX	XX		50.0	XX		
AT	CON	U1	U1	U1	U1	=	0.9	U1	Changed method	
BE	CON	FV	XX	XX	XX		1.5	XX		
BG	CON	FV	FV	FV	FV		66.8			
CZ	CON	FV	FV	FV	FV		4.9	FV		
DE	CON	XX	XX	XX	XX		16.8	XX		
DK	CON	XX	XX	XX	XX					
FR	CON	FV	FV	FV	XX		1.8	FV		
IT	CON	U1	U1	FV	FV	x	2.4	U2	Changed method	
LU	CON	FV	FV	U1	FV	x	0.4	U2	Changed method	
PL	CON	XX	XX	XX	XX		3.6	XX		
RO	CON	FV	U1	U1	U1		0.6			
SI	CON	U1	XX	XX	U1	x	0.4	U1		
ES	MED	XX	XX	XX	XX		54.5	XX		
FR	MED	FV	FV	FV	XX		9.1	FV		
GR	MED	XX	XX	XX	XX		14.2	XX		
IT	MED	FV	FV	FV	FV		17.0	U2	Changed method	
PT	MED	XX	XX	XX	XX		5.1	XX		
CZ	PAN	FV	FV	FV	FV		11.3	FV		

Species: *Proserpinus proserpina*

Report under the Article 17 of the Habitats Directive

MS	Region	Conservation status of parameters				Current CS	Trend in CS	% in region	Previous CS	Reason for change
		Range	Population	Habitat	Future prospects					
HU	PAN	FV	U1	FV	U1	U1	x	82.3	XX	Changed method
RO	PAN	FV	U1	U1	U1	U1		2.8		
SK	PAN	XX	XX	XX	XX	XX		3.5	XX	
RO	STE	FV	U1	U1	U1	U1		100.0		

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
A04	Grazing by livestock	14
J03	Other changes to ecosystems	14
A07	Use of 'pesticides' in agriculture	10
A10	Restructuring agricultural parcels	10
J02	Changes in water bodies conditions	10
A02	Modification of cultivation practices	7
H01	Pollution to surface waters	7
H06	Excess energy (noise, light, heating, electromagnetic)	7
A03	Mowing or cutting grasslands	3
A06	Crops of annuals & perennials (non-timber)	3

Species: *Proserpinus proserpina*
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Ten most frequently reported 'highly important' threats

Code	Activity	Frequency
A07	Use of 'pesticides' in agriculture	15
J03	Other changes to ecosystems	15
A02	Modification of cultivation practices	11
A10	Restructuring agricultural parcels	11
J02	Changes in water bodies conditions	11
H01	Pollution to surface waters	7
H06	Excess energy (noise, light, heating, electromagnetic)	7
A06	Crops of annuals & perennials (non-timber)	4
B01	Afforestation	4
B02	Forest and plantation management & use	4

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=Arthropods&period=3&subject=Proserpinus+proserpina>

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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.