



Bubo bubo

Annex I	Yes
International action plan	No

Eurasian Eagle-owl, *Bubo bubo*, is a species of nocturnal bird of prey found in woodland and forest and unvegetated or sparsely vegetated land ecosystems. It is a widespread but patchily distributed resident across much of Europe. This species inhabits mainly rocky country with cliffs and ravines, caves, patches of woodland, scattered trees or groves, generally in undisturbed wilderness areas. It also uses open forest, taiga and other types of woodland, wooded steppe, river valleys with gorges, overgrown quarries and farmland with suitable rocky areas or cliffs (European Red List 2015).

Bubo bubo has a breeding population size of 12500-17900 pairs and a breeding range size of 1960000 square kilometres in the EU27. The breeding population trend in the EU27 is Increasing in the short term and Increasing in the long term.

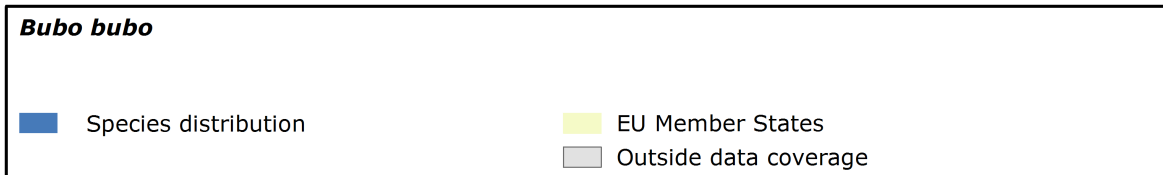
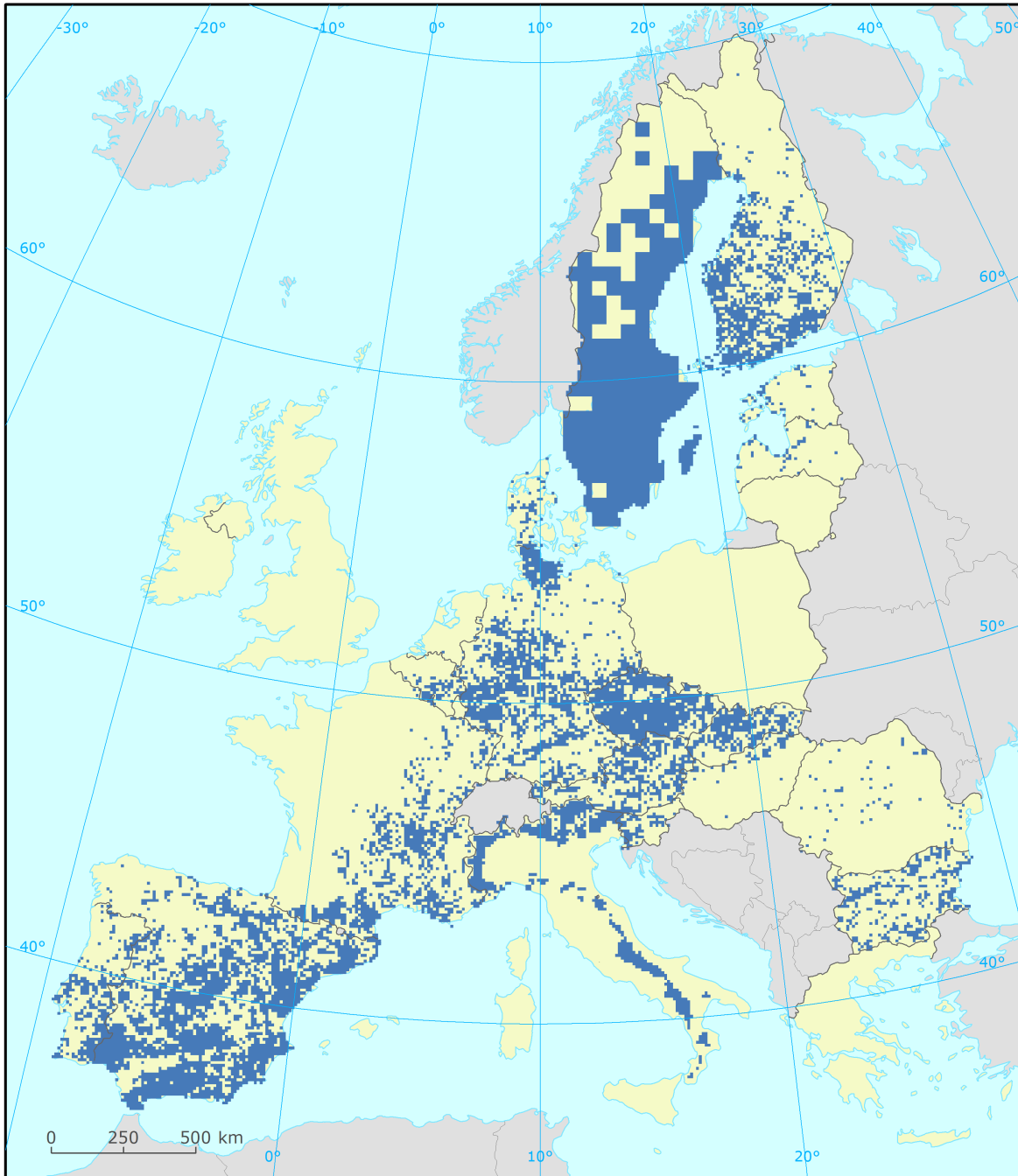
The EU population status of *Bubo bubo* was assessed as Secure, because the species does not meet any of the IUCN Red List criteria for threatened or Near Threatened, or the criteria for Depleted or Declining (the EU27 population or range has not declined by 20% or more since 1980).

Assessment of status at the European level

Breeding population size	Breeding population trend		Range area	Breeding range trend		Winter population size	Winter population trend		Population status
	Short term	Long term		Short term	Long term		Short term	Long term	
12500 - 17900 p	+	+	1960000						Secure

See the endnotes for more informationⁱ

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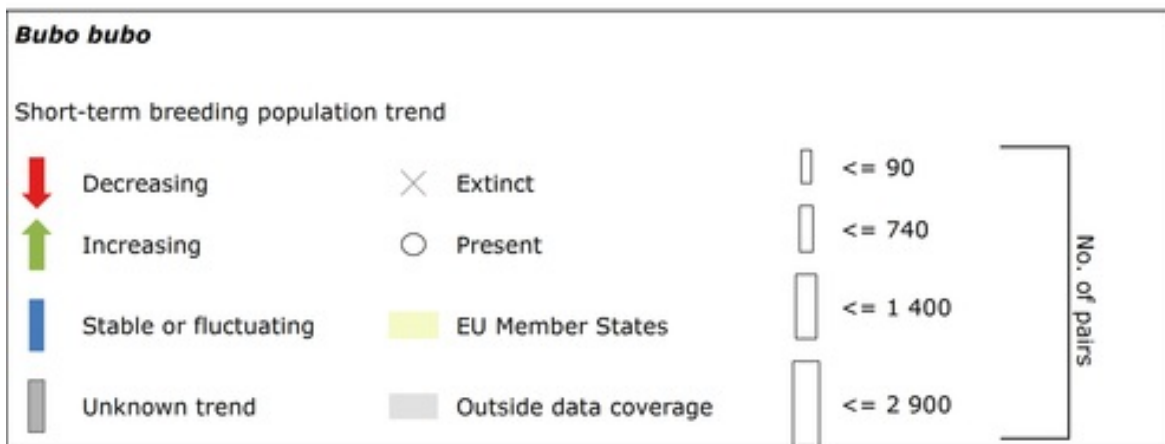


Trends at the Member State level

MS/Ter.	% in EU27	Breeding population size	Breeding population trend		Range area	Breeding range trend		Winter population size	Winter population trend	
			Short term	Long term		Short term	Long term		Short term	Long term
AT	3.1	500 - 700 p	0	+	84453	0	+			
BE	0.5	70 - 80 p	0	x	7785	+	x			
BG	2.8	450 - 550 p	0	0	107900	0	0			
CZ	5.2	600 - 900 p	-	0	80593	0	0			
DE	10.2	2100 - 2500 p	+	+	186877	+	+			
DK	0.5	39 - 39 p	+	+	19947	+	x			
EE	0.4	50 - 90 p	-	-	9400	-	-			
ES	21.0	2400 - p	+	+	434776	+	+			
FI	8.6	1300 - 1400 p	-	-	222300	x	-			
FR	7.1	2000 - 4000 p	+	+	210000	x	+			
GIB		1 - 1 p	0	+	4	+	+			
GR										
HU	0.6	50 - 60 p	+	+	6139	+	+			
IT	5.1	250 - 340 p	x	x	95700	-	+			
LT	0.1	20 - 30 p	0	0	17000	0	0			
LU	0.1	15 - 20 p	+	+	2353	0	+			
LV	0.4	30 - 50 p	x	+	16711	x	+			
NL	0.1	6 - 8 p	+	+	1621	+	+			
PL		270 - 380 p	+	+		x	x			
PT	2.5	380 - 580 p	0	x	74900	0	+			
RO	0.5	200 - 700 p	x	x	9900	-	x			
SE	28.4	390 - 560 p	-	+	327400	-	x			
SI	0.5	80 - 100 p	+	+	7631	+	x			
SK	2.1	300 - 400 p	0	0	41895	0	0			

See the endnotes for more informationⁱⁱ

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Short-term winter population trend was not reported for this species.

Main pressures and threats reported by Member States

For the bird species triggering SPA classification Member States were asked to report the 20 most important pressures and threats using an agreed hierarchical list which can be found on the Article 12 Reference Portal (http://bd.eionet.europa.eu/activities/Reporting/Article_12/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. The table below only contains information from Member States, where a species triggers SPA classification. Pressures and threats were ranked in three classes 'high, medium and low importance', the table below only shows pressures and threats classed as 'high', for some species there were less than ten pressures and threats reported as highly important.

Ten most frequently reported 'highly important' pressures and threats

Code	Activity	Frequency
D02	Utility and service lines/pipelines	28
G01	Outdoor sports, leisure and recreational activities	16
J03	Other changes to ecosystems	12
F03	Hunting and collection of terrestrial wild animals	8
K03	Interspecific faunal relations	8
A02	Modification of cultivation practices	4
A04	Grazing by livestock	4
B01	Afforestation	4
B02	Forest and plantation management & use	4
C03	Production of renewable energy (abiotic)	4

Proportion of population covered by the Natura 2000 network

For the bird species triggering SPA classification Member States were asked to report the size of a species population occurring 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.

Percentage of coverage by Natura 2000 sites

MS/territory	season	SPA trigger	% coverage
AT	breeding	YES	24.84
BE	breeding	YES	x
BG	breeding	YES	26.97
CZ	breeding	YES	18.61
DE	breeding	YES	18.6

MS/territory	season	SPA trigger	% coverage
DK	breeding	YES	x
EE	breeding	YES	20.98
ES	breeding	YES	0.75
FI	breeding	YES	x
FR	breeding	YES	21.65
GIB	breeding	YES	100
HU	breeding	YES	80.1
IT	breeding	YES	59.41
LT	breeding	YES	7.07
LU	breeding	YES	20
LV	breeding	YES	38.3
NL	breeding	NO	
PL	breeding	YES	72.72
PT	breeding	YES	26.35
RO	breeding	YES	40.3
SE	breeding	NO	
SI	breeding	YES	45.83
SK	breeding	YES	47.08

See the endnotes for more informationⁱⁱⁱ

Most frequently reported conservation measures

For the bird species triggering SPA classification 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 12 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
6.3	Legal protection of habitats and species	40
6.1	Establish protected areas/sites	23
3.2	Adapt forest management	7
8.2	Specific management of traffic and energy transport systems	7
2.1	Maintaining grasslands and other open habitats	3
3.0	Other forestry-related measures	3
6.0	Other spatial measures	3
6.4	Manage landscape features	3
7.1	Regulation/ Management of hunting and taking	3
7.4	Specific single species or species group management measures	3

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Code Measure

Frequency

This information is derived from the Member State national reports submitted to the European Commission under Article 12 of the Birds Directive in 2013 and covering the period 2008-2012. More detailed information, including the MS reports, is available at:
<http://bd.eionet.europa.eu/article12/summary?period=1&subject=A215> .

ⁱ **Assessment of status at the European level:** The EU assessments of birds population status was made by the European Red List of Birds Consortium (under contract with the European Commission)

The EU27 population trends were assessed using these categories: '+' Increasing, '0' Stable, 'F' Fluctuating, '-' Decreasing, 'xu' Uncertain and 'x' Unknown. The breeding population size is estimated in majority of the cases as 'p' number of pairs. Alternative population units used are: 'males' number of males, 'i' number of individuals, 'cmales' number of calling males and 'bfem' number of breeding females. The winter population size is estimated as number of individuals.

ⁱⁱ **Species trends at the Member State level:** The percentage of the EU27 species population occurring in the Member States (% in EU27) is calculated based on the population size reported by the Member States.

ⁱⁱⁱ **Percentage of coverage by Natura 2000 sites:** 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 and for non-Annex I species in the Czech Republic.