

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

0.1 Member State	IT
0.2.1 Species code	6136
0.2.2 Species name	<b>Elaphe lineata</b>
0.2.3 Alternative species scientific name	Zamenis lineatus
0.2.4 Common name	Saettone occhirossi

## 1. National Level

### 1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Complete survey/Complete survey or a statistically robust estimate (3)
1.1.3 Year or period	2000-2012
1.1.4 Additional map	No
1.1.5 Range map	Yes

## 2. Biogeographical Or Marine Level

### 2.1 Biogeographical Region

### 2.2 Published sources

#### Mediterranean (MED)

The present species assessment (fields 0.1-2.9) has been compiled by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco (Societas Herpetologica Italica). Information, unpublished data and experts' judgments have been provided by Anna Rita Di Cerbo, Francesco Ficetola, Roberto Sindaco.

Razzetti E., Zanghellini S., 2006. Zamenis longissimus (Laurenti, 1768)/Zamenis lineatus (Camerano, 1891). In: Atlante degli Anfibi e dei Rettili d'Italia / Atlas of Italian Amphibians and Reptiles. Sindaco R., Doria G., Razzetti E. & Bernini F. (Eds), p. 576-583. Societas Herpetologica Italica. Edizioni Polistampa, Firenze.

Rondinini, C., Battistoni, A., Peronace, V., Teofili, C. (compilatori). 2013. Lista Rossa IUCN dei Vertebrati Italiani. Comitato Italiano IUCN e Ministero dell'Ambiente, del Territorio e del Mare, Roma.

Venchi A., Luiselli L., 2011. Zamenis lineatus (Camerano, 1891). In: Fauna d'Italia, vol. XLV, Reptilia. A cura di Corti C., Capula M., Luiselli L., Razzetti E., Sindaco R., p. 584-586. Edizioni Calderini de Il Sole 24 ORE, Bologna.

### 2.3 Range

2.3.1 Surface area - Range (km <sup>2</sup> )	70500
2.3.2 Method - Range surface area	Complete survey/Complete survey or a statistically robust estimate (3)
2.3.3 Short-term trend period	2001-2012
2.3.4 Short-term trend direction	stable (0)
2.3.5 Short-term trend magnitude	min max
2.3.6 Long-term trend period	
2.3.7 Long-term trend direction	N/A
2.3.8 Long-term trend magnitude	min max
2.3.9 Favourable reference range	area (km <sup>2</sup> ) operator approximately equal to (≈) unkown No method Expert judgement
2.3.10 Reason for change	Use of different method

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

## 2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit	N/A		
	min		max	
2.4.2 Population size (other than individuals)	Unit	number of map 10x10 km grid cells (grids10x10)		
	min	348	max	348
2.4.3 Additional information	Definition of locality			
	Conversion method			
	Problems			
2.4.4 Year or period	2000-2012			
2.4.5 Method – population size	Complete survey/Complete survey or a statistically robust estimate (3)			
2.4.6 Short-term trend period	2001-2012			
2.4.7 Short term trend direction	stable (0)			
2.4.8 Short-term trend magnitude	min		max	confidence interval
2.4.9 Short-term trend method	Estimate based on partial data with some extrapolation and/or modelling (2)			
2.4.10 Long-term trend period				
2.4.11 Long term trend direction	N/A			
2.4.12 Long-term trend magnitude	min		max	confidence interval
2.4.13 Long-term trend method	N/A			
2.4.14 Favourable reference population	number			
	operator	approximately equal to (≈)		
	unknown	No		
	method	Expert judgement		
2.4.15 Reason for change	Improved knowledge/more accurate data			

## 2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km <sup>2</sup> )	
2.5.2 Year or period	2000-2012
2.5.3 Method used - habitat	Absent data (0)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	Agricultural intensification, decrease of refuges, fire, urbanisations affect habitat of this species.
2.5.5 Short term trend period	2001-2012
2.5.6 Short term trend direction	stable (0)
2.5.7 Long-term trend period	
2.5.8 Long term trend direction	N/A
2.5.9 Area of suitable habitat (km <sup>2</sup> )	
2.5.10 Reason for change	Improved knowledge/more accurate data

## 2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
agricultural intensification (A02.01)	medium importance (M)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A
removal of hedges and copses or scrub (A10.01)	low importance (L)	N/A
removal of stone walls and embankments (A10.02)	low importance (L)	N/A
forestry clearance (B02.02)	low importance (L)	N/A

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

removal of dead and dying trees (B02.04)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
continuous urbanisation (E01.01)	low importance (L)	N/A
burning down (J01.01)	low importance (L)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A

2.6.1 Method used – pressures mainly based on expert judgement and other data (2)

## 2.7 Main Threats

Threat	ranking	pollution qualifier(s)
burning down (J01.01)	medium importance (M)	N/A
roads, motorways (D01.02)	medium importance (M)	N/A
anthropogenic reduction of habitat connectivity (J03.02)	medium importance (M)	N/A
agricultural intensification (A02.01)	medium importance (M)	N/A
forestry clearance (B02.02)	low importance (L)	N/A
removal of stone walls and embankments (A10.02)	low importance (L)	N/A
removal of hedges and copses or scrub (A10.01)	low importance (L)	N/A
use of biocides, hormones and chemicals (A07)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

## 2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The contact zone between *Elaphe lineata* and *Elaphe longissima* is not well known. In order to provide the area of the range for the species, the border between these two species has been approximated to a 100 km wide strip, along the administrative northern borders of the Regions of Apulia and Campania. The value of the range reported in 2.3.1 should therefore be considered with extreme caution.

2.8.3 Trans-boundary assessment

## 2.9 Conclusions (assessment of conservation status at end of reporting period)

2.9.1 Range	assessment Favourable (FV) qualifiers N/A
2.9.2. Population	assessment Favourable (FV) qualifiers N/A
2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A
2.9.4. Future prospects	assessment Favourable (FV) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

## 3. Natura 2000 coverage and conservation measures - Annex II species

# Report on the main results of the surveillance under article 11 for annex II, IV and V species (Annex B)

3.1 Population			
3.1.1 Population Size	Unit	N/A	
	min		max
3.1.2 Method used	N/A		
3.1.3 Trend of population size within	N/A		
3.2 Conversation Measures			

## Species name: *Elaphe lineata* (6136)

Field label	Note	User
1.1.1 Distribution Map	The contact zone between <i>Elaphe longissima</i> and <i>Elaphe lineata</i> is not well known. In order to provide the area of the range for the species, the border between these two species has been approximated to a 100 km wide strip, along the administrative northern borders of the Regions of Apulia and Campania. The value of the range reported in 2.3.1 should therefore be considered with extreme caution.	ISPRA_ AUNA

## Species name: *Elaphe lineata* (6136) Region code: MED

Field label	Note	User
2.3.1 Surface area - Range (km <sup>2</sup> )	The contact zone between <i>Elaphe lineata</i> and <i>Elaphe longissima</i> is not well known. In order to provide the area of the range for the species, the border between these two species has been approximated to a 100 km wide strip, along the administrative northern borders of the Regions of Apulia and Campania. The value of the range reported in 2.3.1 should therefore be considered with extreme caution.	ISPRA_ AUNA



\_F



\_F

—