

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	1369
0.2.2 Species name	Rupicapra rupicapra
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	N/A

1. National Level

1.1 Maps

1.1.1 Distribution Map	Yes
1.1.1a Sensitive species	No
1.1.2 Method used - map	Estimate based on partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	2001-2012
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

Alpine (ALP)

The present species assessment (fields 0.1-2.9) has been compiled by Daniele Paoloni, Cristiano Spilinga (Associazione Teriologica Italiana - ATIt) and Anna Alonzi, Piero Genovesi, Francesca Ronchi (Institute for Environmental Protection and Research - ISPRA). Information, unpublished data and experts' judgments have been provided by Marco Apollonio, Stefano Grignolio, Sandro Lovari, Luca Pedrotti (ATIt) and Francesco Riga (ISPRA).

AAVV., 2010. Piano regionale faunistico-venatorio per il quinquennio 2008-2012, Regione autonoma Valle d'Aosta, dati inediti.

Boitani L., Corsi F., Falcucci A., Maiorano L., Marzetti I., Masi M., Montemaggiori A., Ottaviani D., Reggiani G., Rondinini C., 2002. Rete Ecologica Nazionale. Un approccio alla conservazione dei vertebrati italiani. Università di Roma "La Sapienza", Dipartimento di Biologia Animale e dell'Uomo; Ministero dell'Ambiente, Direzione per la Conservazione della Natura; Istituto di Ecologia Applicata. <http://www.gisbau.uniroma1.it/REN>

Boitani L., Lovari S., Vigna Taglianti A., 2003. Carnivora – Artiodactyla. Fauna d'Italia, vol. XXXVIII, Mammalia III. Ed. Calderini de Il Sole 24 ore Edagricole, Bologna.

Carnevali L., Pedrotti L., Riga F., Toso S., 2009. Banca Dati Ungulati: Status, distribuzione, consistenza, gestione e prelievo venatorio delle popolazioni di Ungulati in Italia. Rapporto 2001-2005. Biol. Cons. Fauna, 117:1-168 [Italian-English text]

Museo Friulano di Storia Naturale (Udine), Novembre 2011. Lo stato di conoscenza e di conservazione di alcune specie animali di interesse comunitario in Friuli Venezia Giulia.

Mustoni A., Pedrotti L., Zanon E., Tosi G., 2003 – Ungulati delle Alpi. Biologia,

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riconoscimento, gestione. Nitida Immagine Editrice: 560 pp.

Regione Liguria, 2008. Carta della Biodiversità, www.ambienteinliguria.it.

Regione Piemonte. Banche dati Naturalistiche + Banca Dati regionale faunistico-venatoria.

Tosi G., Lovari S., 1997. Alpine Chamois (*Rupicapra rupicapra rupicapra*). In: Shackleton D. M. (Ed.) and the IUCN Caprinae Specialist Group. 1997. Wild Sheep and Goats and their Relatives. Status Survey and Conservation Action Plan for Caprinae. IUCN, Gland, Switzerland and Cambridge, UK, 390 pp.

2.3 Range

2.3.1 Surface area - Range (km ²)	50300
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	1989-2012
2.3.7 Long-term trend direction	increase (+)
2.3.8 Long-term trend magnitude	min 5 max 15
2.3.9 Favourable reference range	area (km ²) operator approximately equal to (≈) unknown No method Expert judgement
2.3.10 Reason for change	Use of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit number of individuals (i) min 130000 max 140000
2.4.2 Population size (other than individuals)	Unit N/A min max
2.4.3 Additional information	Definition of locality Conversion method Problems
2.4.4 Year or period	2001-2012
2.4.5 Method – population size	Estimate based on partial data with some extrapolation and/or modelling (2)
2.4.6 Short-term trend period	2001-2012
2.4.7 Short term trend direction	increase (+)
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	1989-2012
2.4.11 Long term trend direction	increase (+)
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

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	method	Expert judgement
2.4.15 Reason for change	Improved knowledge/more accurate data	Use of different method

2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	
2.5.2 Year or period	
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	Expert based.
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	1989-2012
2.5.8 Long term trend direction	stable (0)
2.5.9 Area of suitable habitat (km ²)	36632
2.5.10 Reason for change	Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Hunting (F03.01)	low importance (L)	N/A
skiing, off-piste (G01.06)	low importance (L)	N/A
skiing complex (G02.02)	low importance (L)	N/A
introduction of disease (microbial pathogens) (K03.03)	low importance (L)	N/A
antagonism with domestic animals (K03.06)	low importance (L)	N/A

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

Threat	ranking	pollution qualifier(s)
skiing, off-piste (G01.06)	low importance (L)	N/A
skiing complex (G02.02)	low importance (L)	N/A
Hunting (F03.01)	low importance (L)	N/A
introduction of disease (microbial pathogens) (K03.03)	medium importance (M)	N/A
antagonism with domestic animals (K03.06)	medium importance (M)	N/A

2.7.1 Method used – threats	expert opinion (1)
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2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The species can be considered marginal for Continental and Mediterranean biogeographical regions and therefore the full reporting was compiled only for the Alpine one.

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

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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

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: Rupicapra rupicapra (1369) Region code: ALP

Field label	Note	User
2.3.1 Surface area - Range (km ²)	The area of the range (2.3.1) has been calculated also summing up the grid cells of species' presence in the adjacent biogeographical region of marginal presence. Only cells entirely overlapped to the marginal area have been summed up, in order to avoid an overestimation of the overall species' range.	ISPRA_ AUNA
2.5.9 Area of suitable habitat (km ²)	<p>The area of suitable habitat (2.5.9) has been calculated by intersecting habitat suitability models with each biogeographical region in which the species is present. The habitat suitability models are those included in the Italian Ecological Network (Rete Ecologica Nazionale – REN; Boitani et al. 2002), and were developed at the national scale for all vertebrate species, based on species-environments relationships defined with inputs from leading species' experts. The models were created integrating into a Geographic Information System geographic and environmental data, such as Corine Land Cover, Digital Terrain Model, water and road networks.</p> <p>Source: Boitani L., Corsi F., Falcucci A., Maiorano L., Marzetti I., Masi M., Montemaggiori A., Ottaviani D., Reggiani G., Rondinini C., 2002. Rete Ecologica Nazionale. Un approccio alla conservazione dei vertebrati italiani. Università di Roma "La Sapienza", Dipartimento di Biologia Animale e dell'Uomo; Ministero dell'Ambiente, Direzione per la Conservazione della Natura; Istituto di Ecologia Applicata. Http://www.gisbau.uniroma1.it/REN</p>	ISPRA_ AUNA



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