

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

0.1 Member State	GR
0.2.1 Species code	1371
0.2.2 Species name	Rupicapra rupicapra balcanica
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Agriogido

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 expert opinion with no or minimal sampling (1)
1.1.3 Year or period	2007-2012
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)

- 1.Habitat use by the Balkan chamois (*Rupicapra rupicapra balcanica*) in the west Rodopi Mountains, NE Greece. 8th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Hellenic Zoological Society, May 17-21, 1999, K
- 2.Haritakis I. Papaioannou & Vassiliki I. Kati. 2007. Current status of the Balkan chamois (*Rupicapra rupicapra balcanica*) in Greece: Implications for conservation. Belg. J. Zool. 137 (1): 33-39
- 3.Haritakis Papaioannou. 2003. Habitat use, population status and conservation of the Balkan chamois (*Rupicapra rupicapra*) on Mt Tymfi and in the Vikos Aaos National Park, Greece. Manchester Metropolitan University. M.Sc. Thesis on Conservation biology.
- 4.Haritakis Papaioannou. 2010. The Balkan chamois in: Ungulates and their management in Greece. In: European ungulates and their management in the 21st century. (Ed) Marco Apollonio, Reidar Andersen and Rory Putman. Cambridge University Press. 540- 562.
- 5.Hatzirvassanis V.1991. The status of chamois (*Rupicapra rupicapra balcanica*, Bolkay 1925) in Greece. Inventaire de la faune de Grece: Etat des populations d especes menacees. Biologia Gallo-hellenica, Vol. 18 (1), pp.31-44.
- 6.Papaioannou D.H. Sgardelis S., Chondropoulos V, Dimopoulos P. Habitat analysis of the Balkan chamois (*Rupicapra rupicapra balcanica*) in its southernmost limit of distribution in Europe (Mt. Giona, Greece). 12th International Congress on the Zoogeography,
- 7.Papaioannou H.1991. The chamois status (*Rupicapra rupicapra*) in the Epirus mountains. Inventaire de la faune de Grece: Etat des populations d especes menacees. Biologia Gallo-hellenica, Vol. 18 (1), pp.53-66..
- 8.Papaioannou, H. and Kati, V., 2002. Conservation and management of Balkan chamois in Northern Pindos: a project of WWF Greece. Proceedings of the Third World Conference on Mountain Ungulates. IUCN. Caprinae Specialist Group. Saragossa (Aragon, Spain), J
- 9.Papaioannou, H. and Kati, V., 2002. The chamois in the broader area of Vikos-Aaos national park: a project of WWF Greece. 9th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Hellenic Zoological

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11.Papaioannou, H. and Kati, V., 2004. Distribution and status of Balkan chamois *Rupicapra rupicapra balcanica* in Greece. Proceedings of the 11th Congress of the Hellenic Zoological Society and Hellenic Ecological Society. Mytilene, 18–21 November, 2004. In

12.T. Adamakopoulos, Ch. Hblutzel & V. Hatzirvassanis. 1997. Greece in Shackleton D.M. (ed.) and the IUCN/SSC Caprinae Specialist Group.1997. Wild sheep and Goats and their Relatives. Status Survey and Conservation Action Plan for caprinae. IUCN. Gland. Swit

13.Γιαννακόπουλος Α και ιγκούμας Η. 1998. «Μελέτη της βιολογίας και οικολογίας του Αγριόγιδου (*Rupicapra rupicapra balcanica*) στην οροσειρά της Ροδόπης». Τεχνολογικό Εκπαιδευτικό Ίδρυμα Καβάλας, Τμήμα Δασοπονίας και Διαχείρισης Φυσικού Περιβάλλοντος, Παράρτημα

14.Γιαννακόπουλος Α., Καραμπατζάκης Θ. & Μπίρτσας Π. (2013). Το Αγριόγιδο (*Rupicapra rupicapra*) στη Δυτική Ροδόπη. Μύθοι και πραγματικότητα. ΠΑΝ-ΘΗΡΑΣ 2013, τα πάτα περί θήρας (ISSN 1109-6004). Σκορδάς Κ. και Π. Μπίρτσας (Συντονιστές έκδοσης). Κυνηγετική Ομο

15.Παπαϊωάννου Χαρητάκης 1999. Στην Ειδική Περιβαλλοντική Μελέτη Γράμμου - ΒΔ Βοίου. Αρκτούρος. Πρόγραμμα ΑΡΚΤΟΣ II.

16.Παπαϊωάννου Χαρητάκης 1999. Στην Ειδική Περιβαλλοντική Μελέτη Ροδόπης. Αρκτούρος. Πρόγραμμα ΑΡΚΤΟΣ II. 17.Παπαϊωάννου Χαρητάκης 1999. Στην Ειδική Περιβαλλοντική Μελέτη Τύμφης- Ζαγορίου. Αρκτούρος. Πρόγραμμα ΑΡΚΤΟΣ II.

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19.Παπαϊωάννου Χαρητάκης. 2014. Προμελέτη καταγραφής της κατάστασης του αγριόγιδου στο όρος Οίτη. Φορέας Διαχείρισης Εθνικού Δρυμού Οίτης.

20.Τσαχαλίδης Ε., Σφουγγάρης Α., Μπίρτσας Π. και Γιαννακόπουλος Α. 2006. Παρούσα κατανομή και πληθυσμός του αγριόγιδου (*Rupicapra rupicapra balcanica*) στην Οροσειρά της Ροδόπης». Πρακτικά 3ου Συνεδρίου Ελληνικής Οικολογικής Εταιρείας και Ελληνικής Ζωολογικής

21.Χαρητάκης Παπαϊωάννου & Ηλιόπουλος Γιώργος. Στο Παπαϊωάννου Χαρητάκης (Συντονιστής). 2008. ΕΠΜ Τζουμέρκων, Περιστερίου & χαράδρας Αράχθου. Η ΠΕΙΡΟΣ ΑΕ, Περιφέρεια Ηπείρου.

22.Χαρητάκης Παπαϊωάννου και Θεοδωρόπουλος Γιάννης. Στο: Χαρητάκης Παπαϊωάννου (Συντονιστής). 2009. ΕΠΜ Γράμμου- Κόνιτσας- Πωγωνίου. ΗΠΕΙΡΟΣ ΑΕ, Περιφέρεια Ηπείρου.

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25.Χαρητάκης Παπαϊωάννου. 2007. Μελέτη καταγραφής της κατάστασης των πληθυσμών και των ενδιαιτημάτων του αγριόγιδου (*Rupicapra rupicapra balcanica*) στα όρη Γκιώνα και Βαρδούσια. ΤΕΔΚ Ν. Φωκίδας.

26.Χαρητάκης Παπαϊωάννου. 2008. Στο Μπούσμπουρας Δημήτρης. Σχέδιο παρακολούθησης πανίδας του Εθνικού Δρυμού Ολύμπου. Φορέας Διαχείρισης Εθνικού Δρυμού Ολύμπου

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- 30.Χατζησαράντος Χαρ. & Κανέλλης Αντ. 1955. Αγριόγιδα και Αγριοκάτσικα της Ελλάδος, Το Βουνό. Σελ. 142-164

2.3 Range

2.3.1 Surface area - Range (km ²)	9668
2.3.2 Method - Range surface area	Estimate based on partial data with some extrapolation and/or modelling (2)
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 ²) operator approximately equal to (≈) unknown No method Expert opinion
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 800 max 1300
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	2007-2012
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 expert opinion with no or minimal sampling (1)
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 much more than (>>) unknown No method
2.4.15 Reason for change	Genuine

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2.5 Habitat for the Species

2.5.1 Surface area - Habitat (km ²)	1949,8
2.5.2 Year or period	2006-2012
2.5.3 Method used - habitat	Estimate based on expert opinion with no or minimal sampling (1)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	Expert judgment
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 ²)	7409
2.5.10 Reason for change	Genuine Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
intensive cattle grazing (A04.01.01)	medium importance (M)	N/A
non intensive cattle grazing (A04.02.01)	medium importance (M)	N/A
Mining and quarrying (C01)	medium importance (M)	N/A
open cast mining (C01.04.01)	medium importance (M)	N/A
Roads, paths and railroads (D01)	medium importance (M)	N/A
paths, tracks, cycling tracks (D01.01)	low importance (L)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
Taking and removal of animals (terrestrial) (F03.02)	high importance (H)	N/A
trapping, poisoning, poaching (F03.02.03)	high importance (H)	N/A
poaching (F05.04)	high importance (H)	N/A
shooting (F05.05)	high importance (H)	N/A
off-road motorized driving (G01.03.02)	medium importance (M)	N/A
gliding, delta plane, paragliding, ballooning (G01.05)	medium importance (M)	N/A
wildlife watching (G02.09)	low importance (L)	N/A
mountaineering, rock climbing, speleology (G01.04)	low importance (L)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	medium importance (M)	N/A
Threats and pressures from outside the Member State (XO)	medium importance (M)	N/A
Threats and pressures from outside the EU territory (XE)	medium importance (M)	N/A
Hunting (F03.01)	medium importance (M)	N/A
intensive grazing (A04.01)	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)
reduced fecundity/ genetic depression (K05)	high importance (H)	N/A
intensive grazing (A04.01)	medium importance (M)	N/A
non intensive cattle grazing (A04.02.01)	medium importance (M)	N/A

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intensive cattle grazing (A04.01.01)	medium importance (M)	N/A
Mining and quarrying (C01)	medium importance (M)	N/A
open cast mining (C01.04.01)	medium importance (M)	N/A
Roads, paths and railroads (D01)	high importance (H)	N/A
roads, motorways (D01.02)	high importance (H)	N/A
Taking and removal of animals (terrestrial) (F03.02)	medium importance (M)	N/A
trapping, poisoning, poaching (F03.02.03)	high importance (H)	N/A
poaching (F05.04)	high importance (H)	N/A
shooting (F05.05)	medium importance (M)	N/A
off-road motorized driving (G01.03.02)	medium importance (M)	N/A
gliding, delta plane, paragliding, ballooning (G01.05)	medium importance (M)	N/A
temperature changes (e.g. rise of temperature & extremes) (M01.01)	medium importance (M)	N/A
Threats and pressures from outside the Member State (XO)	medium importance (M)	N/A
Threats and pressures from outside the EU territory (XE)	medium importance (M)	N/A
Hunting (F03.01)	medium importance (M)	N/A
wildlife watching (G02.09)	low importance (L)	N/A

2.7.1 Method used – threats modelling (2)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information

The data of the geographical distribution and range of the species are based on recent bibliographic and field data that have been tested for their accuracy and does not confirm its presence on the site GR1440005. These data will be also used to update Standard Data Forms of Natura 2000 network.

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 Bad (U2)
qualifiers improving (+)

2.9.3. Habitat assessment Unknown (XX)
qualifiers N/A

2.9.4. Future prospects assessment Bad (U2)
qualifiers unknown (x)

2.9.5 Overall assessment of Conservation Status Bad (U2)

2.9.5 Overall trend in Conservation Status unknown (x)

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

3.1 Population

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3.1.1 Population Size

Unit number of individuals (i)
 min 500 max 1000

3.1.2 Method used

Estimate based on expert opinion with no or minimal sampling (1)

3.1.3 Trend of population size within

N/A

3.2 Conservation Measures

3.2.1 Measure	3.2.2 Type	3.2.3 Ranking	3.2.4 Location	3.2.5 Broad Evaluation
Legal protection of habitats and species (6.3)	Legal One-off	high importance (H)	Both	Unknown