

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

NATIONAL LEVEL

1. General information

1.1 Member State	GR
1.2 Species code	1371
1.3 Species scientific name	<i>Rupicapra rupicapra balcanica</i>
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Agriogido

2. Maps

2.1 Sensitive species	No
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Based mainly on expert opinion with very limited data
2.5 Additional maps	Yes

3. Information related to Annex V Species (Art. 14)

3.1 Is the species taken in the wild/exploited?	No	
3.2 Which of the measures in Art. 14 have been taken?	a) regulations regarding access to property	No
	b) temporary or local prohibition of the taking of specimens in the wild and exploitation	No
	c) regulation of the periods and/or methods of taking specimens	No
	d) application of hunting and fishing rules which take account of the conservation of such populations	No
	e) establishment of a system of licences for taking specimens or of quotas	No
	f) regulation of the purchase, sale, offering for sale, keeping for sale or transport for sale of specimens	No
	g) breeding in captivity of animal species as well as artificial propagation of plant species	No
	h) other measures	No

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3.3 Hunting bag or quantity taken in the wild for Mammals and Acipenseridae (Fish)

a) Unit

b) Statistics/ quantity taken	Provide statistics/quantity per hunting season or per year (where season is not used) over the reporting period					
	Season/ year 1	Season/ year 2	Season/ year 3	Season/ year 4	Season/ year 5	Season/ year 6
Min. (raw, ie. not rounded)						
Max. (raw, ie. not rounded)						
Unknown	No	No	No	No	No	No

3.4. Hunting bag or quantity taken in the wild Method used

3.5. Additional information

BIOGEOGRAPHICAL LEVEL

4. Biogeographical and marine regions

4.1 Biogeographical or marine region where the species occurs

Mediterranean (MED)

4.2 Sources of information

- 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.
- 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.

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- 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).
- 9.Papaioannou, H. and Kati, V., 2002. The chamois in the broader area of Vikos-Aoos national park: a project of WWF Greece. 9th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Hellenic Zoological Society, Thessaloniki.
- 10.Papaioannou, H. and Kati, V., 2002. The status and conservation of Balkan chamois (*Rupicapra rupicapra balcanica*) in Greece. Proceedings of the Third World Conference on Mountain Ungulates. IUCN. Caprinae Specialist Group. Saragossa (Aragon, Spain), June.
- 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.
- 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 Γκούμας 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.
- 18.Παπαϊωάννου Χαρητάκης και Κατή Βασιλική. 2003. Το αγριόγιδο στην οροσειρά της Τύμφης και στον Εθνικό Δρυμό Βίκου- Αώου. WWF Ελλάς. Πρόγραμμα Βόρειας Πίνδου
- 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. ΗΠΕΙΡΟΣ ΑΕ, Περιφέρεια Ηπείρου.
- 22.Χαρητάκης Παπαϊωάννου και Θεοδωρόπουλος Γιάννης. Στο: Χαρητάκης Παπαϊωάννου (Συντονιστής). 2009. ΕΠΜ Γράμμου- Κόνιτσας- Πωγωνίου. ΗΠΕΙΡΟΣ ΑΕ, Περιφέρεια Ηπείρου.
- 23.Χαρητάκης Παπαϊωάννου. 2005. Αγριόγιδο στα όρια της εξαφάνισης
- 24.Χαρητάκης Παπαϊωάννου. 2007. Αγριόγιδο/ Στο Δημόπουλος Παναγιώτης & Κατή. Βασιλική. Βιοπικολότητα της προστατευόμενης περιοχής Τζουμέρκων- Περιστερίου. Τμήμα Διαχείρισης Περιβάλλοντος και Φυσικών Πόρων.

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6.3 Type of estimate	Best estimate	
6.4 Additional population size (using population unit other than reporting unit)	<ul style="list-style-type: none"> a) Unit b) Minimum c) Maximum d) Best single value 	
6.5 Type of estimate		
6.6 Population size Method used	Based mainly on extrapolation from a limited amount of data	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Increasing (+)	
6.9 Short-term trend Magnitude	<ul style="list-style-type: none"> a) Minimum b) Maximum c) Confidence interval 	
6.10 Short-term trend Method used	Based mainly on expert opinion with very limited data	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		
6.13 Long-term trend Magnitude	<ul style="list-style-type: none"> a) Minimum b) Maximum c) Confidence interval 	
6.14 Long-term trend Method used		
6.15 Favourable reference population (using the unit in 6.2 or 6.4)	<ul style="list-style-type: none"> a) Population size b) Operator c) Unknown d) Method 	Much more than (>>)
6.16 Change and reason for change in population size	<p>No change</p> <p>The change is mainly due to:</p>	
6.17 Additional information		

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat	<ul style="list-style-type: none"> a) Are area and quality of occupied habitat sufficient (for long-term survival)? b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)? 	Unknown
7.2 Sufficiency of area and quality of occupied habitat Method used	Insufficient or no data available	
7.3 Short-term trend Period	2007-2018	
7.4 Short-term trend Direction	Stable (0)	
7.5 Short-term trend Method used	Based mainly on expert opinion with very limited data	
7.6 Long-term trend Period		
7.7 Long-term trend Direction		

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7.8 Long-term trend Method used

7.9 Additional information

The surface area of the habitat is estimated at 1949.8 km², the area of suitable habitat is 7409 km² and its quality is good.

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	H
Hunting (G07)	H
Poisoning of animals (excluding lead poisoning) (G13)	H
Illegal shooting/killing (G10)	H
Intensive grazing or overgrazing by livestock (A09)	M
Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)	M
Sports, tourism and leisure activities (F07)	M
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M
Threats and pressures from outside the Member State (Xo)	M
Threats and pressures from outside the EU territory (Xe)	M

Threat	Ranking
Reduced fecundity / genetic depression (e.g. inbreeding or endogamy) (L05)	H
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	H
Illegal shooting/killing (G10)	H
Intensive grazing or overgrazing by livestock (A09)	M
Extensive grazing or undergrazing by livestock (A10)	M
Extraction of minerals (e.g. rock, metal ores, gravel, sand, shell) (C01)	M
Illegal harvesting, collecting and taking (G11)	M
Sports, tourism and leisure activities (F07)	M
Temperature changes (e.g. rise of temperature & extremes) due to climate change (N01)	M

8.2 Sources of information

PRESSURES: Mainly based on expert judgement and other data.
THREATS: Modelling.

8.3 Additional information

9. Conservation measures

9.1 Status of measures

- a) Are measures needed? Yes
- b) Indicate the status of measures Measures needed but cannot be identified

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9.2 Main purpose of the measures taken

9.3 Location of the measures taken

9.4 Response to the measures

9.5 List of main conservation measures

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9.6 Additional information

10. Future prospects

10.1 Future prospects of parameters	a) Range	Good
	b) Population	Bad
	c) Habitat of the species	Unknown

10.2 Additional information

11. Conclusions

11.1. Range Favourable (FV)

11.2. Population Unfavourable - Bad (U2)

11.3. Habitat for the species Unknown (XX)

11.4. Future prospects Unfavourable - Bad (U2)

11.5 Overall assessment of Conservation Status Unfavourable - Bad (U2)

11.6 Overall trend in Conservation Status Improving (+)

11.7 Change and reasons for change in conservation status and conservation status trend

a) Overall assessment of conservation status

No change

The change is mainly due to:

b) Overall trend in conservation status

Use of different method

The change is mainly due to: Use of different method

11.8 Additional information

12. Natura 2000 (pSCIs, SCIs and SACs) coverage for Annex II species

12.1 Population size inside the pSCIs, SCIs and SACs network (on the biogeographical/marine level including all sites where the species is present)

a) Unit number of individuals (i)

b) Minimum 500

c) Maximum 1000

d) Best single value

12.2 Type of estimate Minimum

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12.3 Population size inside the network Method used

Based mainly on expert opinion with very limited data

12.4 Short-term trend of population size within the network Direction

Unknown (x)

12.5 Short-term trend of population size within the network Method used

Insufficient or no data available

12.6 Additional information

Species for which either new Natura sites have been designated or former ones have been expanded to cover a bigger part of their populations. The population size in 12.1 is reported as minimum due to the recent update of the Greek Natura 2000 Database (extended areas of current Natura 2000 sites and newly proposed SCIs). No relevant data exist for the extensions or the new Natura 2000 sites.

13. Complementary information

13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information