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	**4093**
1.3 Species scientific name	**Rhododendron luteum**
1.4 Alternative species scientific name	
1.5 Common name (in national language)	Αγούιδουρας

2. Maps

2.1 Sensitive species	No
2.2 Year or period	2015
2.3 Distribution map	Yes
2.4 Distribution map Method used	Complete survey or a statistically robust estimate
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

Bazos I. and Yannitsaros A. 2004. Floristic reports from the island of Lesvos (Greece) I. Dicotyledones: Aceraceae to Guttiferae. Edinburgh J. Bot. 61(1): 49-86.

BazosI. and Yannitsaros A. 2009. Rhododendron luteum Sweet, In: The Red Data Book of rare and threatened plants of Greece, vol. 2 (E-Z), D. Phitos, T. Constantinidis & G. Kamari (eds), pp. 278-279, Hellenic Botanical Society, Patras. (In Greek).

5. Range

5.1 Surface area: 125

5.2 Short-term trend Period: 2007-2018

5.3 Short-term trend Direction: Stable (0)

5.4 Short-term trend Magnitude: a) Minimum b) Maximum

5.5 Short-term trend Method used: Complete survey or a statistically robust estimate

5.6 Long-term trend Period

5.7 Long-term trend Direction

5.8 Long-term trend Magnitude: a) Minimum b) Maximum

5.9 Long-term trend Method used

5.10 Favourable reference range: a) Area (km²)

b) Operator: Approximately equal to (≈)

	c) Unknown	
	d) Method	The favourable reference range is based on the species' historical and current distribution. One locality where the species had been extinct before the 1970s, another locality where it was recorded in 1949 and not confirmed since as well as a coastal locality at a habitat marginal for the species, were excluded.
5.11 Change and reason for change in surface area of range	No change	
	The change is mainly due to:	
5.12 Additional information		

6. Population

6.1 Year or period	2015	
6.2 Population size (in reporting unit)	a) Unit	number of individuals (i)
	b) Minimum	
	c) Maximum	
	d) Best single value	1412
6.3 Type of estimate	Best estimate	
6.4 Additional population size (using population unit other than reporting unit)	a) Unit	area covered by population in m2 (area)
	b) Minimum	
	c) Maximum	
	d) Best single value	9410
6.5 Type of estimate	Best estimate	
6.6 Population size Method used	Complete survey or a statistically robust estimate	
6.7 Short-term trend Period	2007-2018	
6.8 Short-term trend Direction	Unknown (x)	
6.9 Short-term trend Magnitude	a) Minimum	
	b) Maximum	
	c) Confidence interval	
6.10 Short-term trend Method used	Insufficient or no data available	
6.11 Long-term trend Period		
6.12 Long-term trend Direction		
6.13 Long-term trend Magnitude	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)	a) Population size	
	b) Operator	Approximately equal to (≈)
	c) Unknown	

	d) Method	The Favourable reference population is defined as the minimum value estimated for the size of the population.
6.16 Change and reason for change in population size	No change The change is mainly due to:	
6.17 Additional information	Note on population size conversion method: It is estimated that 3 individuals cover approximately 20m2. Note on problems of the population size estimation: Rhododendron luteum is a shrubby species and it usually forms dense stands where the distinction of boundaries between individuals is not possible. Field observations resulted in the rough estimation used for the conversion of data to individuals.	

7. Habitat for the species

7.1 Sufficiency of area and quality of occupied habitat	a) Are area and quality of occupied habitat sufficient (for long-term survival)?	Yes
	b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	
7.2 Sufficiency of area and quality of occupied habitat Method used	Based mainly on extrapolation from a limited amount of data	
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 extrapolation from a limited amount of data	
7.6 Long-term trend Period		
7.7 Long-term trend Direction		
7.8 Long-term trend Method used		
7.9 Additional information	The surface area of the habitat is estimated at 0.01 km2 and its quality is good. The area of suitable habitat is 1 km2. The habitat of the species (streambanks and humid and damp places in pine forests) does not seem to be at immediate risk in the areas of Western Lesvos where Rhododendron luteum grows.	

8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
No pressures (Xxp)	

Threat	Ranking
No threats (Xxt)	

8.2 Sources of information	
8.3 Additional information	In fact, only LOW ranking pressures and threats act on the specific species and this is the reason why they are not included in 8.1, above.

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9. Conservation measures

9.1 Status of measures	a) Are measures needed?	No
	b) Indicate the status of measures	
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	Good
	c) Habitat of the species	Good
10.2 Additional information		

11. Conclusions

11.1. Range	Favourable (FV)
11.2. Population	Favourable (FV)
11.3. Habitat for the species	Favourable (FV)
11.4. Future prospects	Favourable (FV)
11.5 Overall assessment of Conservation Status	Favourable (FV)
11.6 Overall trend in Conservation Status	Stable (=)
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 No change The change is mainly due to:
11.8 Additional information	

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

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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	area covered by population in m2 (area)
	b) Minimum	
	c) Maximum	
	d) Best single value	8992
12.2 Type of estimate		Best estimate
12.3 Population size inside the network Method used		Complete survey or a statistically robust estimate
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		

13. Complementary information

13.1 Justification of % thresholds for trends	
13.2 Trans-boundary assessment	
13.3 Other relevant Information	Rhodedendron luteum is a toxic species, lethal to the sheep and goat considered undesirable by farmers who used to extirpate the shrubs. This may have been the reason for the extinction of the plant from a locality at the area of the villages Agra and Mesotopos before the 1970s. This attitude has now retreated. Note on 6.4. Population counts were made in 2014 at all the known localities of the species and this number is reported as minimum population. It is quite possible that the species occurs at more localities within its distribution range, so total population may well be larger. Note on the area of suitable habitat: The minimum value of the suitable habitat area is reported, it is certain that this parameter is larger but cannot be estimated.