

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	5670
1.3 Species scientific name	<i>Hierophis viridiflavus</i>
1.4 Alternative species scientific name	<i>Coluber viridiflavus</i>
1.5 Common name (in national language)	Fidi tis Giarou

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

Beutler, A. & Frör, E., 1980. Die Amphibien und Reptilien der Nordkykladen (Griechenland). Mitteilungen der Zoologischen Gesellschaft Braunau, 3: 255-290.

Böhme, W. 1974. Die Typusexemplare der Herpetologischen Sammlung des Museums Alexander Koenig, Bonn. Bonner Zoologische Beiträge, 25: 165-176.

Böhme, W., 1993. Coluber gyarosensis Mertens, 1968 - Gyaros-Pfeilnatter. In: Böhme, W. (Ed.), Handbuch der Reptilien und Amphibien Europas, 3/1: 111-114.

Buchholz, K., 1964. In: Pölz, F. "Aus Briefen unserer Mitglieder". Mitteilungsblatt Salamander, Gesellschaft Für Terrarienfreunde, 16: 155-156.

Dimitropoulos, A., 1986. Some notes on the colour and pattern variation of the Greek snake fauna in relation to geographic distribution. Biologia Gallo-Hellenica, 12: 463-471.

Dimitropoulos, A. & Ioannidis, Y., 2009. Hierophis viridiflavus. In: Legakis, A. & Maragou, P. (eds.), The red data book of endangered animals of Greece (in Greek with English summary). Hellenic Zoological Society, Athens, 526pp.

Mertens R., 1968. Eine schwarze Zornnatter von den Cycladen: Coluber gemonensis gyarosensis n. subsp. Senckenbergiana Biologica, 49(3/4): 181-189.

Schätti, B., 1988. Systematik und Evolution der Schlangengattung Hierophis Fitzinger, 1843 (Reptilia, Serpentes). Inaugural-Dissertation zur Erlangung der philosophischen Doktorwürde, Zürich, 50pp.

Utiger U. & Schätti B., 2004. Morphology and phylogenetic relationships of the Cyprus racer, Hierophis cypriensis, and the systematic status of Coluber gemonensis gyarosensis Mertens (Reptilia: Squamata: Colubridae). Revue Suisse de Zoologie, 111: 225-238.

Vogrin, M., Corti, C., Pérez Mellado, V., Sá-Sousa, P., Cheylan, M., Pleguezuelos, J.M., Meyer, A., Schmidt, B., Sindaco, R., Romano, A., Martínez-Solano, I., 2009.

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6.9 Short-term trend Magnitude	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	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 c) Unknown d) Method	Approximately equal to (≈) There are no indications or reports of population decline or abnormal population structure. FRV has been set at the current population level.
6.16 Change and reason for change in population size	No change The change is mainly due to:	
6.17 Additional information	There are no adequate references or measurements regarding the population size or the population densities. Based on the available data an estimation of the population using as unit the number of individuals doesn't seem feasible at this stage.	

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)? b) Is there a sufficiently large area of unoccupied habitat of suitable quality (for long-term survival)?	Yes
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 16 km ² and its quality is good. Species of limited distribution. Surveys were conducted in most of the distribution areas.	

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8. Main pressures and threats

8.1 Characterisation of pressures/threats

Pressure	Ranking
No pressures (Xxp)	
Threat	Ranking
Other human intrusions and disturbance not mentioned above (H08)	M
Fire (natural) (M09)	M

8.2 Sources of information

THREATS: Based on expert opinion.

8.3 Additional information

In fact, only LOW ranking pressures act on the specific species and this is the reason why they are not included in 8.1, above.

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

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 (=)

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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

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
- b) Minimum
- c) Maximum
- d) Best single value

12.2 Type of estimate

12.3 Population size inside the network Method used

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

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

12.6 Additional information

13. Complementary information

13.1 Justification of % thresholds for trends

13.2 Trans-boundary assessment

13.3 Other relevant Information

The range estimations do not include unfavorable altitude areas.