

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	6089
1.3 Species scientific name	<i>Dolichophis jugularis</i>
1.4 Alternative species scientific name	<i>Coluber jugularis</i>
1.5 Common name (in national language)	Zamenis

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 extrapolation from a limited amount of 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

- Baha El Din, S., Crochet, P.-A., Hraoui-Bloquet, S., Kaya, U., Lymberakis, P., Disi, A.M., Sadek, R., Sevinç, M., Tok, V., Ugurtas, I.H., Werner, Y.L., 2012. *Dolichophis jugularis*. The IUCN Red List of Threatened Species. Version 2014.2. <www.iucnredlist.org>. Downloaded on 3 October 2014.
- Broggi, M.F., 1997. Notizen zur herpetofauna von Kalymnos und Leros (Dodekanes, Griechenland). *Herpetozoa*, 10(3/4): 135-138.
- Broggi, M.F., 2006. Isolation und Landnutzungswandel und ihre Einflüsse auf die Herpetofauna - dargestellt am Beispiel der Insel Tilos (Dodekanes, Griechenland). *Herpetozoa*, 19(1/2): 13-16.
- Buttle, D., 1990. The herpetofauna of Leros (Dodecanese, S.E. Aegean). *British Herpetological Society Bulletin*, 34: 34-38.
- Cattaneo, A., 2005. Osservazioni sull'herpetofauna dell'isola greca di Kos (Sporadi Meridionali) con un inedito caso di simpatria microinsulare fra due specie affini di colubridi: *Hierophis caspius* (Gmelin) e *Hierophis jugularis* (L.). *Atti Mus. Stor. nat. Maremma*, 21: 79-91.
- Cattaneo, A., 2008. Osservazioni sull'ofidiofauna delle isole Egee di Leros e Patmos (Dodecaneso) (reptilia serpentes). *Naturalista sicil.*, S. IV, XXXII (1-2): 201-219.
- Cattaneo, A., 2009. L'ofidiofauna delle isole Egee di Halki e Tilos (Dodecaneso) con segnalazione di un nuovo fenotipo di *Dolichophis jugularis* (Linnaeus) (Reptilia Serpentes). *Naturalista sicil.*, S. IV, XXXIII (1-2): 131-147
- Cattaneo, A., 2012. Il Colubrogola Rossa dell'arcipelago di Rodi: *Dolichophis jugularis zinneri* subsp. Nova (Reptilia Serpentes). *Naturalista sicil.*, S. IV, XXXVI (1): 77-103.
- Clark, R.J., 1972. New locality records for the Greek reptiles. *British Journal of*

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	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	Stable (0)	
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	Improved knowledge/more accurate data Use of different method The change is mainly due to:	Improved knowledge/more accurate data
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		

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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 424 km² and its quality is good. The area of suitable habitat is 523 km². A generalist species. Random surveys have been conducted in the distribution areas.

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)	M
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M

Threat	Ranking
Roads, paths, railroads and related infrastructure (e.g. bridges, viaducts, tunnels) (E01)	M
Conversion from other land uses to housing, settlement or recreational areas (excluding drainage and modification of coastline, estuary and coastal conditions) (F01)	M

8.2 Sources of information

PRESSURES: Based mainly on expert judgement and other data.
THREATS: Based on expert opinion.

8.3 Additional information

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

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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

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.

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