

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	6138
0.2.2 Species name	Dolichophis caspius
0.2.3 Alternative species scientific name	Coluber caspius
0.2.4 Common name	Astrapofido

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 partial data with some extrapolation and/or modelling (2)
1.1.3 Year or period	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)

- Bousbouras, D. & Ioannidis, Y., 1994. Amphibien und reptilien des Prespa-Nationalparks und der Gebirgregion um Florina (Mazedonien, Griechenland). *Salamandra*, 30(3): 209-220.
- Bringsoe, H., 1985. A check-list of Peloponnesian amphibians and reptiles, including new records from Greece. *Annales Musei Goulandris*, 7:271-318.
- Broggi, M.F., 2009. The herpetofauna of Ithaki (Ithaca, Ionian Islands, Greece) *Herpetozoa*, 22(1/2): 87-90.
- Broggi, M.F., 2010. Die Herpetofauna von Alonissos (Nördliche Sporaden, Griechenland) *Herpetozoa*, 23(1/2): 71-78.
- Buchholz, K., 1955. Herpetologische Ergebnisse zweier Cycladenreisen. *Bonner Zoologische Beiträge*, 6(1/2): 95-110.
- Buttle, D., 1997. Observations on reptiles and amphibians of Andros (Cyclades, Greece). *British Herpetological Society Bulletin*, 60: 5-12.
- Cattaneo, A., 2003. Note erpetologiche sulle isole Egee di Lesvos, Chios e Samos. *Boll Bolletino del Museo civico di Storia naturale di Venezia*, 54: 95-116.
- Cattaneo, A., 2005. Osservazioni sull'erpetofauna 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 del Museo di Storia Naturale della Maremma*, 21: 79-91.
- Cattaneo A., 2006. Contributo alla conoscenza dell'erpetofauna dell'isola egea di Nisyros (Dodecaneso) (Reptilia). *Naturalista Siciliano*, Palermo, 30: 485-494.
- Cattaneo, A., 2008. Osservazioni sull'ofidiofauna delle isole Egee di Leros e Patmos (Dodecaneso) (reptilia serpentes). *Naturalista Siciliano*, S. IV, XXXII (1-2): 201-219.
- Cattaneo, A., 2010. Note eco-morfologiche su alcune specie ofidiche Egee, con particolare riferimento alle popolazioni delle Cicladi Centro-Orientali (Reptilia). *Naturalista Siciliano*, S. IV, XXXIV (3-4): 319-350.
- Cattaneo, A., 2010. Osservazioni sui rettili delle isole Egee di Karpathos e Kasos (Dodecaneso Meridionale) (Reptilia). *Naturalista Siciliano*, S. IV, XXXIV (1-2): 29-47.
- Clark, R.J., 1967. Herpetofauna of the islands of the Argo-Saronic Gulf, Greece. *Proceedings of the California Academy of Sciences*, 35(2): 23-36.

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

- Clark, R.J., 1968. A collection of snakes from Greece. *British Journal of Herpetology*, 4: 45-48.
- Clark, R., 1989. A check list of the herpetofauna of the Argo-Saronic gulf district, Greece. *British Herpetological Society Bulletin*, 28: 8-24.
- Clark, R., 1989. Some notes on reptiles and amphibians from the N.W. Pindos. *Herptile*, 14(3): 99-104.
- Clark, R., 1991. A report on herpetological investigations on the island of Samothraki, North Aegean Sea-Greece. *British Herpetological Society Bulletin*, 38: 3-7.
- Clark, R., 1996. Some notes on the reptile fauna of Fournoi, Ikaria, and Schoinoussa, Aegean Sea, Greece. *British Herpetological Society Bulletin*, 56: 35-39.
- Clark, R., 1999. Herpetofauna of Thassos, North Aegean Sea, Greece. *British Herpetological Society Bulletin*, 66: 14-18.
- 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.
- Foufopoulos, J., 1997. The reptile fauna of the Northern Dodecanese (Aegean Islands, Greece) *Herpetozoa* 10(1/2): 3-12.
- Ioannidis, Y. & Bousbouras, D., 1997. The space utilization by the reptiles in Prespa National Park. *Hydrobiologia*, 351: 135-142.
- Kasapidis, P., Provatidou, S., Maragou, P., Valakos, E.D., 1996. Neue daten uber die herpetofauna von Lesbos (Agaische inseln, Griechenland) und einige biogeographische bemerkungen uber die inseln des nordostlichen agaischen archipels. *Salamandra*, 32(3): 171-180.
- Kordges, T. & Hemmer, G., 1987. Studies on Reptiles in Greek Delta areas. *Biologia Gallo-Hellenica*, 13: 83-88.
- Ondrias, J.C., 1966. I panis ton amfibion kai erpeton tis Ellados. *Panepistimio Athina*, pp55.
- Ondrias, J.C., 1968. Liste des Amphibiens et des reptiles de la Grece. *Biologia Gallo-Hellenica*, Voll(2):111-135.
- Toth, T., Krecsak, L., Madsen, T., Ujvari, B., 2002. Herpetofaunal locality records on the Greek Island of Corfu. *Herpetozoa*, 15(3/4): 149-169.
- Werner, F., 1930. Contribution to the knowledge of the Reptiles and Amphibians of Greece, especially the Aegean islands. *Occasional papers of the Museum of Zoology*, 211: 1-47.
- Zinner, H., 1972. Systematics and Evolution of the Species Group *Coluber jugularis* Linnaeus, 1758 - *Coluber caspius* Gmelin, 1789 (Reptilia, Serpentes). Thesis submitted for the Degree "Doctor of Philosophy". Submitted to the Senate of the Hebrew University, Jerusalem.

2.3 Range

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

2.3.1 Surface area - Range (km ²)	37728,39
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 (≈) unkown No method A wide ranging species. None of the known populations became extinct since 1994. FRV is the total of the range which excludes the unfavorable altitude areas.
2.3.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.4 Population

2.4.1 Population size (individuals or agreed exception)	Unit N/A min max
2.4.2 Population size (other than individuals)	Unit number of map 1x1 km grid cells (grids1x1) min 4431 max 6946
2.4.3 Additional information	Definition of locality Conversion method Problems There are no adequate references or measurements regarding the population size or 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.
2.4.4 Year or period	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	stable (0)
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 approximately equal to (≈) unknown No method There are no indications or reports of population decline or abnormal population structure. FRV has been set at the current population level.
2.4.15 Reason for change	Improved knowledge/more accurate data Use of different method

2.5 Habitat for the Species

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

2.5.1 Surface area - Habitat (km ²)	6946
2.5.2 Year or period	2012
2.5.3 Method used - habitat	Estimate based on partial data with some extrapolation and/or modelling (2)
2.5.4 a) Quality of habitat	Good
2.5.4 b) Quality of habitat - method	A widely distributed generalist species. Random surveys have been conducted in the distribution areas.
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)	16223
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
Cultivation (A01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
Taking and removal of animals (terrestrial) (F03.02)	low importance (L)	N/A
motorised vehicles (G01.03)	low importance (L)	N/A
burning down (J01.01)	low importance (L)	N/A
fire (natural) (L09)	low importance (L)	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)
Cultivation (A01)	low importance (L)	N/A
roads, motorways (D01.02)	low importance (L)	N/A
Urbanised areas, human habitation (E01)	low importance (L)	N/A
Taking and removal of animals (terrestrial) (F03.02)	low importance (L)	N/A
motorised vehicles (G01.03)	low importance (L)	N/A
burning down (J01.01)	low importance (L)	N/A
fire (natural) (L09)	low importance (L)	N/A

2.7.1 Method used – threats expert opinion (1)

2.8 Complementary Information

2.8.1 Justification of % thresholds for trends

2.8.2 Other relevant Information The range estimations do not include unfavorable altitude areas.

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 Favourable (FV)
qualifiers N/A

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

2.9.3. Habitat	assessment Favourable (FV) qualifiers N/A
2.9.4. Future prospects	assessment Favourable (FV) qualifiers N/A
2.9.5 Overall assessment of Conservation Status	Favourable (FV)
2.9.5 Overall trend in Conservation Status	N/A

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

3.1 Population

3.1.1 Population Size	Unit	N/A	
	min		max
3.1.2 Method used	N/A		
3.1.3 Trend of population size within	N/A		

3.2 Conversation Measures