

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	1238
0.2.2 Species name	<i>Podarcis erhardii</i>
0.2.3 Alternative species scientific name	N/A
0.2.4 Common name	Silivouti

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)

- Arnold, E.N. and Burton J.A. 1978. A Field Guide to Reptiles and Amphibians of Britain and Europe. HarperCollins, 272 pp. [\[1\]](#)
- Bohlmann, H. Falkenberg, E., Knüppel, U. and König, R. 1981. Herpetologische Notizen von der Kykladeninsel Tinos (Griechenland). Herpetofauna 3 (14): 8-13. [\[2\]](#)
- Chondropoulos, Basil P.; Chiras, George. 1997. Geographic Distribution. *Podarcis erhardii livadiaca*. Herpetological Review 28 (2): 97. [\[3\]](#)
- Frör, E. and Beutler, A. 1978. The herpetofauna of the oceanic islands in the Santorini-archipelago, Greece (Reptilia). Spixiana 1 (3): 301-308. [\[4\]](#)
- Gruber, U. and T. Schultze-Westrum. 1971. Zur Taxonomie und Ökologie der Cycladen-Eidechse (*Lacerta erhardii*) von den nördlichen Sporaden. Bonn. Zool. Beitr. 22:101-130. [\[5\]](#)
- Gruber, U. 1986. *Podarcis erhardii* - Ägäische Mauereidechse. In: Böhme, W. (ed.), Handbuch der Reptilien und Amphibien Europas, Band 2/II., Echsen III (*Podarcis*). Aula-Verlag Wiesbaden, pp. 25-49. [\[6\]](#)
- Valakos, E.D., Maragou, P. and Mylonas, M. 1999. Geographic distribution. *Podarcis erhardii*. Herpetological Review 30 (1): 52-53. [\[7\]](#)
- Tóth, T. 2001. Herpetologische Beobachtungen auf der Insel Syphnos (Kykladen, Griechenland). Elaphe 9 (3): 70-73. [\[8\]](#)
- Trapp, B. 2005. Die Eidechsen Griechenlands. Draco 5 (21): 38-41. [\[9\]](#)
- Valakos, E.D., Pafilis, P., Sotiropoulos, K., Lymberakis, P., Maragou, P. and Foufopoulos, J. 2008. The Amphibians and Reptiles of Greece. Chimaira, Frankfurt am Main, 463 pp. [\[10\]](#)
- Wettstein, O. 1952. Dreizehn neue Reptilienrassen von den Ägäischen Inseln. Anzeiger der Mathematisch-Naturwissenschaftliche Klasse, Österreichische Akademie der Wissenschaften, Wien, 89:251—256. [\[11\]](#)
- Wettstein, O. 1956. Zwei neue Eidechsenrassen von den Kykladen. Anz. math.-natw. Kl. Österr. Akad. Wiss 1956 (11): 1-2 [134-135]. [\[12\]](#)
- Παφίλης, Π., Βαλάκος, Σ. 2012. Αμφίβια και Ερπετά της Ελλάδας. Οδηγός αναγνώρισης. Εκδόσεις Πατάκη"

2.3 Range

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2.3.1 Surface area - Range (km ²)	30329,42
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 number of individuals (i) min 1000000 max 5000000
2.4.2 Population size (other than individuals)	Unit N/A min max
2.4.3 Additional information	Definition of locality Conversion method The mean from a number (N=28) of population density measurements was extrapolated to the total area of distribution. Problems The statistical power of the approach used was low for a widely distributed species. Also there can be significant fluctuations in population density depending on the season. Expressing the results as a class was a safer option.
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

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2.5.1 Surface area - Habitat (km ²)	5503
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 and forms extremely dense populations on islands. 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)	13865
2.5.10 Reason for change	Improved knowledge/more accurate data Use of different method

2.6 Main Pressures

Pressure	ranking	pollution qualifier(s)
intensive grazing (A04.01)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	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)
intensive grazing (A04.01)	medium importance (M)	N/A
Outdoor sports and leisure activities, recreational activities (G01)	medium importance (M)	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

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

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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