

# Podarcis lilfordi

Taxonomic Authority: (Günther, 1874)

Synonyms:

Region: 1

Common Names:

Lilford's Wall Lizard English  
Balearen-Eidechse German  
Lagartija Balear Spanish

Order: Sauria

Family: Lacertidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

This species is endemic to the Balearic Islands of Spain, where it is restricted to small, rocky islands off the larger islands of Menorca and Mallorca. It also occurs on the Cabrera Archipelago south of Mallorca. The species was once present on the islands of Mallorca and Menorca. It is a lowland species.

### Habitat and Ecology Information:

This species occurs in arid rocky areas and in scrubland. The females may lay three clutches annually consisting of one to three eggs.

### Conservation Measures:

It is listed on Annex II of the Bern Convention and on Appendix II of CITES. This species is present in the Parque Nacional de Cabrera and the Parques Naturales de Dragonera and Albufera des Grau. An education campaign is in place. There is a need to control visits to the islands where this species is present.

### Threats:

It is believed that the introduction of cats and other predators resulted in the extirpation of the species from the main islands of Mallorca and Menorca. Extant populations are threatened by the translocation of invasive predators between islands by visitors, and the illegal capture of animals for the pet trade. This species may also be threatened through eating poisoned bait left for seagulls and rats, and the loss of vegetation on some islands due to overgrazing by goats. Some populations are inherently at risk because of their small sizes and restricted ranges.

### Species population information:

It is extremely common on some islands, although populations may be small on some of the smallest islands. Until around 2000 years ago, the species was abundant on the islands of Mallorca and Menorca. Some small populations are still liable to be lost.

## Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Spain	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## FAO Marine Habitats

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Major Lakes

## Major Rivers

## Upper Level Habitat Preferences

	Score
1.4 Forest - Temperate	2
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
6 Rocky areas (eg. inland cliffs, mountain peaks)	1
10.1 Coastline - Rocky Shores (includes rocky offshore islands and sea cliffs)	1

## Lower Level Habitat Preferences

Score

## Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4	Livestock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4.2	Small-holder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1	Management plans	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1	Development	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.2	Implementation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

3	Harvesting (hunting/gathering)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.2 National level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Cultural/scientific/leisure activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.3 Sub-national level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5.2	Sub-national/national trade	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2 Implementation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5.3	Regional/international trade	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.1 International level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Accidental mortality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.2 National level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.1.2	Terrestrial	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.3 Sub-national level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.1.2.3	Poisoning	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 Communication and Education	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.2 Awareness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.9	Restricted range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3 Research actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Human disturbance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2 Population numbers and range	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10.1	Recreation/tourism	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.3 Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.4 Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.5 Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.8 Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.9 Trends/Monitoring	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4 Habitat and site-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4.1 Maintenance/Conservation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4.4 Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4.4.1 Identification of new protected areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					4.4.2 Establishment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					4.4.3 Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4.4 Expansion	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					5 Species-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					5.3 Sustainable use	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					5.3.2 Trade management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Utilisation of Species

Purpose/Type of Use	Subsistence		National	International	Other purpose:	
13. Pets/display animals, horticulture	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>Primary forms removed from the wild</b>	<b>100%</b>	<b>&gt;75%</b>	<b>51-75%</b>	<b>26-50%</b>	<b>&lt;25%</b>	<b>Other forms removed from the wild:</b>
1. Whole animal/plant	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Source of specimens in commercial trade</b>	<b>100%</b>	<b>&gt;75%</b>	<b>51-75%</b>	<b>26-50%</b>	<b>&lt;25%</b>	<b>Other source of specimens:</b>
Wild	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Trend in wild offtake/harvest in relation to total wild population numbers over last five years:</b>	Unknown					
<b>Trend in offtake/harvest produced through domestication/cultivation over last five years:</b>	Unknown					
<b>CITES:</b>	Appendix II					

### Red Listing

**Red List Assessment:** Endangered (EN)

Possibly Extinct

**Red List Criteria:** B1ab(ii)+2ab(iii)

**Rationale for the Red List Assessment:** Listed as Endangered, because its Extent of Occurrence of less than 5,000 km<sup>2</sup> and its Area of Occupancy is less than 500 km<sup>2</sup>, its distribution is severely fragmented, and there is a continuing decline in the extent and quality of its habitat.

**Current Population Trend:** Decreasing

**Date of Assessment:** 12/17/2004

**Assessor(s):** Valentin Pérez-Mellado

**Notes on Red listing:**

### Bibliography

Arnold, E.N., 2003, , Reptiles and amphibians of Europe., , 288 pp., Princeton University Press., Princeton and Oxford.

Pleguezuelos, J.M., Márquez, R. and Lizana, M., 2002, , Atlas y Libro Rojo de los Anfibios y Reptiles de España., , pp. 584, Dirección General de la Conservación de la naturaleza-Asociación Herpetológica Española., Madrid.

Salvador, A., 1986, Podarcis lilfordi - Balearneidechse., , Handbuch der Reptilien und Amphibien Europas, Band 2/II., Echsen III (Podarcis)., Böhme, W., , pp. 83-110, Aula-Verlag, Wiesbaden

Pérez-Mellado, V. and Salvador, A., 1998, The Balearic lizard, Podarcis lilfordi (Günther, 1874) of Menorca., Archivos do Museu Bocage. Nova Serie, , 1(10), 127-195., ,

Pérez-Mellado, V., 1989, Estudio ecológico de la Lagartija Balear Podarcis lilfordi (Günther, 1874) en Menorca., Revista de Menorca, , 80, 455-511., ,

Andreu, A., Bea, A., Braña, F., Galán, P., López-Jurado, L.F., Pérez-Mellado, V., Pleguezuelos, J.M. and Salvador, A., 1998, Reptiles., Fauna Ibérica, , 10, 1-705, Museo Nacional de Ciencias Naturales. CSIC., Madrid