

Podarcis hispanica

Region: 7

Taxonomic Authority: (Steindachner, 1870)

Synonyms:

Podarcis atrata (Boscá, 1916)

Common Names:

Iberian Wall Lizard	English
Spanische Mauereidechse	German
Lagartija Ibérica	Spanish

Order: Sauria

Family: Lacertidae

Notes on taxonomy:

This species is sometimes called Podarcis hispanicus, rather than P. hispanica, on the basis that the generic name Podarcis is masculine (Böhme 1997). However, others consider the name to be feminine, a position that we are following here (Montori and Llorente 2005). This taxon is a complex of at least five species (Harris et al. 2002, Harris and Sá-Sousa 2002). Part of Andalusia is inhabited by Podarcis vaucheri, which was previously treated as a subspecies of P. hispanicus from North Africa (but which has now been found to be present in the south of the Iberian Peninsula (Harris et al. 2002)). It was elevated to species rank by Oliverio et al. (2000) and is treated as a separate species here. Podarcis atrata (Boscá, 1916) from the Columbretes and Charfarinas Islands was raised to species rank by Castilla et al. (1998a,b), but it is most likely to be conspecific with mainland animals in northeastern Iberia for which the name P. liolepis (Boulenger, 1905) has priority (Carranza et al. 2004, Crochet and Dubois 2004). We treat P. atrata within P. hispanica, pending resolution of this complex. Podarcis hispanicus contains at least two other species that await formal description (Crochet and Dubois 2004).

General Information

Biome

Terrestrial Freshwater Marine

Geographic Range of species:

This species is present throughout most of Portugal and much of Spain (excluding parts of the south and the northwest, but including the Columbretes Islands and the Charfarinas Islands), ranging into southern France as far as the Rhone River. The species occurs from sea level up to 3,481m asl.

Habitat and Ecology Information:

This species is generally found in climbing over rocks, in overgrown areas, on stone walls, on rock outcrops in alpine meadows, in bushy vegetation and in rural buildings. The females lay one to five eggs, with several clutches produced in a season.

Conservation Measures:

This species is listed on Annex III of the Bern Convention, and it is presumed to be present in several protected areas.

Threats:

There appear to be no major threats to this species. Habitat loss and the introduction of competitors or predators are potential threats to the subspecies Podarcis hispanica atrata, the populations of which are confined to islands.

Species population information:

It can be a common species in suitable habitat.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
France	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Portugal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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
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Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score	Lower Level Habitat Preferences	Score
1.4 Forest - Temperate	1		
3.4 Shrubland - Temperate	1		
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1		
6 Rocky areas (eg. inland cliffs, mountain peaks)	1		
11.2 Artificial/Terrestrial - Pastureland	2		
11.4 Artificial/Terrestrial - Rural Gardens	1		
11.5 Artificial/Terrestrial - Urban Areas	2		

Major threats

Code	Description of threat	Past	Present	Future
1	Habitat Loss/Degradation (human induced)	<input 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 type="checkbox"/>

1.1	Agriculture	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.1	Crops	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.1.3	Agro-industry farming	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4	Infrastructure development	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.4.3	Tourism/recreation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					3	Research actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					3.1	Taxonomy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					3.2	Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.3	Biology and Ecology	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					3.9	Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
					4	Habitat and site-based actions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.1	Maintenance/Conservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4	Protected areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4.2	Establishment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
					4.4.3	Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Utilisation of Species

Purpose/Type of Use	Subsistence	National	International	Other purpose:	
Primary forms removed from the wild	100%	>75%	51-75%	26-50% <25%	<i>Other forms removed from the wild:</i>
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%	<i>Other source of specimens:</i>

Trend in wild offtake/harvest in relation to total wild population numbers over last five years:

Trend in offtake/harvest produced through domestication/cultivation over last five years:

CITES:

Red Listing

Red List Assessment: Least Concern (LC) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Least Concern in view of its wide distribution, tolerance of a degree of habitat modification, presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

Current Population Trend: Unknown

Date of Assessment: 12/17/2004

Assessor(s): Jose Antonio Mateo Miras, Marc Cheylan, M. Saïd Noura, Ulrich Joger, Paulo Sá-Sousa, Valentin Pérez-Mellado

Notes on Red listing: This is believed to be a species complex of up to five sub-populations which, as a result of further study, might be shown to contain some of threatened species.

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