

Lacerta schreiberi

Taxonomic Authority: Bedriaga, 1878

Synonyms:

Region: 1

Common Names:

Schreiber's Green Lizard	English
Iberische Smaragdeidechse	German
Iberian Emerald Lizard	English
Lagarto Verdinegro	Spanish
Lagarto-de-Agua	Portuguese

Order: Sauria

Family: Lacertidae

Notes on taxonomy: A phylogeographic analysis of this species (Paulo 2001) indicated two divergent lineages distributed respectively in the Central Mountain System (Sierras de Bejar, Gredos and Guadarrama) and in the rest of its distribution. However, studies in the zone of contact between these two lineages suggest that speciation has not yet taken place (Crochet and Dubois 2004).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is largely restricted to the northwestern and central mountain systems of Spain, and northern and western Portugal, with a number of isolated populations in the mountains and coastal areas of southern Portugal and Spain. It can be found from close to sea level to 2,100 m asl (Central Mountain System).

Habitat and Ecology Information:

This species lives in humid, bushy areas of shrubland, woodland edges, open woodland (deciduous, mixed and pine), along river and stream sides, overgrown sites and close to fences in pastureland. It is especially tightly linked to streams in the southern part of its distribution. On average the females lay clutches of 11 to 18 eggs.

Conservation Measures:

This species is listed on Annex II of the Bern Convention. It occurs in several protected areas.

Threats:

This species is sensitive to habitat alteration. Populations in the south of Spain are threatened by habitat loss, largely through deforestation, forest fires and alteration of streamside habitats.

Species population information:

It can be common in optimal habitat, but some fragmented populations are very rare, and overall it appears to be in significant decline. The southern population isolates in both Spain and Portugal are all very rare, and the one on Sierra Morena in Spain is possibly extinct.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
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
1.4 Forest - Temperate	1
3.4 Shrubland - Temperate	1
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls)	1
11.2 Artificial/Terrestrial - Pastureland	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"/>
1.3	Extraction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.3	Wood	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.3.3.2	Selective logging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.7	Fires	<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 type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Research actions	<input 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"/>
3.4	Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<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 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"/>
4.4.2	Establishment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4.3	Management	<input checked="" type="checkbox"/>	<input checked="" 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: Near Threatened (NT) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Near Threatened because this species is probably in significant decline (but probably at a rate of less than 30% over ten years) because of widespread habitat loss through much of its range, thus making the species close to qualifying for Vulnerable.

Current Population Trend: Decreasing

Date of Assessment: 12/17/2004

Assessor(s): Paulo Sá-Sousa, Rafael Marquez, Valentin Pérez-Mellado

Notes on Red listing:

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