

Iberolacerta cyreni

Region: 1

Taxonomic Authority: (Müller & Helmich, 1937)

Synonyms:

Lacerta cyreni Müller & Helmich, 1937

Common Names:

Order: Sauria

Family: Lacertidae

Notes on taxonomy:

This taxon is considered to be a full species based on evidence from Arribas (1996), Carranza et al. (2004), Crochet et al. (2004), Mayer and Arribas (1996, 2003) and Odierna et al. (1996). It was formerly treated as a subspecies of Lacerta monticola. The specific status of this taxon is supported by morphology (Arribas 1996), allozymes (Mayer and Arribas 1996) and mitochondrial DNA (Mayer and Arribas 2003; Carranza et al. 2004a; Crochet et al. 2004). It was formerly included in the genus Lacerta, but is now included in Iberolacerta, following Carranza et al. (2004), and based on evidence from Arribas (1998, 1999), Carranza et al. (2004), Harris et al. (1998) and Mayer and Arribas (2003).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species is endemic to the central mountain system of Spain in the Sierra de Bejar, Sierra de Gredos, La Serrota and Sierra del Guadarrama. It occurs from 1,300 to 2,500m.

Habitat and Ecology Information:

It is a montane species found close to the tree line in damp, rocky habitats. The females lay a clutch of three to ten eggs once or twice a year.

Conservation Measures:

It occurs in the Sierra del Guadarrama Natural Park and Sierra de Gredos Natural Park.

Threats:

Its populations are highly fragmented and are threatened by habitat loss, especially due to the construction of ski resorts and roads. It might also be adversely affected in future by climate change.

Species population information:

It is a reasonably common species in several areas.

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
3.4 Shrubland - Temperate	1
4.4 Grassland - Temperate	2
6 Rocky areas (eg. inland cliffs, mountain peaks)	1
11.3 Artificial/Terrestrial - Plantations	2

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"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.3	Tourism/recreation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.4	Transport - land/air	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.1	Atmospheric pollution	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6.1.1	Global warming/oceanic warming	<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 checked="" type="checkbox"/>
1.1	Management plans	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1	Development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.1.2	National 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 type="checkbox"/>
3.2	Population numbers and range	<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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.8	Conservation measures	<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"/>
4.4.1	Identification of new protected areas	<input 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%	Other forms removed from the wild:
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%	Other source of specimens:

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: Endangered (EN) Possibly Extinct

Red List Criteria: B1ab(iii)

Rationale for the Red List Assessment: Listed as Endangered because its Extent of Occurrence is less than 5,000 km², its distribution is severely fragmented, and there is 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, Marc Cheylan

Notes on Red listing:

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