

Chalcides simonyi

Region: 1

Taxonomic Authority: Steindachner, 1891

Synonyms:

Chalcides polylepis occidentalis Steindachner, 1900

Common Names:

Order: Sauria

Family: Scincidae

Notes on taxonomy:

This species used to be considered as a subspecies of Chalcides polylepis, but it was separated as a full species by (Pasteur et al. 1988; Brown and Pestano 1998). According López Jurado (1998), the International Commission of Zoological Nomenclature ruled that the valid name of this taxon is C. simonyi, and not C. occidentalis.

General Information

Biome

Terrestrial Freshwater Marine

Geographic Range of species:

This species is endemic to the islands of Fuerteventura (the central area with an isolated population in the south), Lanzarote (in the north only) and Lobos in the Canary Islands, Spain.

Habitat and Ecology Information:

It lives in fields, orchards, gardens and in rocky areas. It is usually found in areas with well-formed soil. The females give birth to fully-formed young.

Conservation Measures:

It occurs in some protected areas.

Threats:

The main threat is fragmentation of populations due to climatic changes (increasing aridity), loss of soil due to erosion. The main population was probably lost in a volcanic eruption in the 18th century. Feral and domestic cats are also a threat.

Species population information:

It is a rare species.

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

3.4	Shrubland - Temperate	1
3.8	Shrubland - Mediterranean-type Shrubby Vegetation	1
4.4	Grassland - Temperate	1
6	Rocky areas (eg. inland cliffs, mountain peaks)	1
11.2	Artificial/Terrestrial - Pastureland	1
11.5	Artificial/Terrestrial - Urban Areas	2

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
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"/>
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"/>
7	Natural disasters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7.5	Volcanoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.6	Avalanches/landslides	<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 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 type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Communication and Education	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Awareness	<input type="checkbox"/>	<input checked="" 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"/>
4.2	Restoration	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.2	Establishment	<input type="checkbox"/>	<input checked="" 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: 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): Jose Antonio Mateo Miras, Valentin Pérez-Mellado

Notes on Red listing:

Bibliography

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