

# Algyroides marchi

Taxonomic Authority: Valverde, 1958

Synonyms:

Region: 1

Common Names:

Spanish Algyroides English  
Lagartija de Valverde Spanish

Order: Sauria

Family: Lacertidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

This species is endemic to southeast Spain, where it is largely restricted to the Alcaraz, Cazorla and Segura mountain ranges. It exists in a number of isolated subpopulations. This species occurs from 700 up to 1,700m asl.

### Habitat and Ecology Information:

It is a generally a species of rocky places, in or close to woodland. It is often found in shady places, and is regularly encountered close to streams. The females lay clutches of one to five eggs.

### Conservation Measures:

This species is protected by national legislation. It occurs in some protected areas.

### Threats:

The habitat of this species is threatened by deforestation, development of forestry tracks, erosion of stream banks, water abstraction, forest fires and predation by cats and rats.

### Species population information:

It can be locally common in good habitat, but it is in decline. Some populations have been lost.

## Country Distribution

Spain  Native - Presence Confirmed  Native - Presence Possible  Extinct  Reintroduced  Introduced  Vagrant

## FAO Marine Habitats

Native - Presence Confirmed  Native - Presence Possible  Extinct  Reintroduced  Introduced

## Major Lakes

## Major Rivers

## Upper Level Habitat Preferences

Score

1.4 Forest - Temperate 1  
5.1 Wetlands (inland) - Permanent Rivers/Streams/Creeks (includes waterfalls) 2  
6 Rocky areas (eg. inland cliffs, mountain peaks) 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"/>
1.3.6	Groundwater extraction	<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"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.1	Limited dispersal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.2	Poor recruitment/reproduction/regeneration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.7	Slow growth rates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Human disturbance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10.1	Recreation/tourism	<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"/>
1.1	Management plans	<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"/>
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 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"/>
3.8	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"/>
4.4.2	Establishment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.4.3	Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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### 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:

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### Red Listing

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

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

**Rationale for the Red List Assessment:** Listed as Vulnerable, because its Extent of Occurrence is less than 20,000 km<sup>2</sup> and its Area of Occupancy is less than 2,000 km<sup>2</sup>, its distribution is severely fragmented, and there is a continuing decline in the extent and quality of its forest habitat and in the number of locations.

**Current Population Trend:** Decreasing **Date of Assessment:** 12/17/2004

**Assessor(s):** Valentin Pérez-Mellado, Rafael Marquez

**Notes on Red listing:**

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### Bibliography

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

Harris, D.J., Arnold, E.N. and Thomas, R.H., 1999, A phylogeny of the European lizard genus *Algyroides* (Reptilia: Lacertidae) based on DNA sequences, with comments on the evolution of the group., J. Zool. (London), 249:, 49-60, .

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