

# Lyciasalamandra helverseni

Region: 10

Taxonomic Authority: (Pieper, 1963)

Synonyms:

Common Names:

Order: Caudata

Family: Salamandridae

Notes on taxonomy: This species was separated from Lyciasalamandra luschani by Veith and Steinfartz (2004).

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

This species is endemic to Greece, where it occurs only on the islands of Karpathos and Kasos in the southeast Aegean Sea.

### Habitat and Ecology Information:

It lives Mediterranean rocky shrubby vegetation. It is vi-viviparous, giving birth to fully developed young on land, and it is not associated with water.

### Conservation Measures:

It occurs in some protected areas.

### Threats:

No threats are known, though local populations might be impacted by loss of habitat. Harvesting for the international pet trade takes place, but not at a level sufficient to threaten the species.

### Species population information:

It is a fairly common species within its restricted range.

## Country Distribution

|        | Native - Presence Confirmed         | Native - Presence Possible | Extinct                  | Reintroduced             | Introduced               | Vagrant                  |
|--------|-------------------------------------|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Greece | <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

## Lower Level Habitat Preferences

Score

|     |   |   |
|-----|---|---|
| 3.8 | Shrubland - Mediterranean-type Shrubby Vegetation | 1 |
| 6   | Rocky areas (eg. inland cliffs, mountain peaks)   | 1 |

## Major threats

| Code | Description of threat |
|------|-----------------------|
| 12   | Unknown               |

Past Present Future

|                                     |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|-------------------------------------|-------------------------------------|-------------------------------------|

## Conservation Measures

Code Conservation measures

In place Needed

|       |                                |                                     |                                     |
|-------|--------------------------------|-------------------------------------|-------------------------------------|
| 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 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"/> |
| 3.6   | Uses and harvest levels        | <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

13. Pets/display animals, horticulture

Subsistence

National

International

Other purpose:

|                          |                          |                                     |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--------------------------|--------------------------|-------------------------------------|

### Primary forms removed from the wild

1. Whole animal/plant

100%

>75%

51-75%

26-50%

<25%

Other forms removed from the wild:

|                                     |                          |                          |                          |                          |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

### Source of specimens in commercial trade

Wild

100%

>75%

51-75%

26-50%

<25%

Other source of specimens:

|                                     |                          |                          |                          |                          |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|

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

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

**CITES:** Not listed

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### **Red Listing**

**Red List Assessment:** Vulnerable (VU)

Possibly Extinct

**Red List Criteria:** D2

**Rationale for the Red List Assessment:** Listed as Vulnerable because it is known from fewer than five locations.

**Current Population Trend:** Stable

**Date of Assessment:** 12/17/2004

**Assessor(s):** Petros Lymberakis, Ismail H. Ugurtas, Theodore Papenfuss, Max Sparreboom, Sergius Kuzmin, Steven Anderson, Mathieu Deno

**Notes on Red listing:**

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