

# Lacerta kulzeri

Taxonomic Authority: (Müller and Wettstein, 1933)

Synonyms:

Region: 8

Common Names:

Order: Sauria

Family: Lacertidae

Notes on taxonomy:

## General Information

Biome  Terrestrial  Freshwater  Marine

### Geographic Range of species:

This species has a fragmented range in the Levant region. It is known from Mount Hermon (on the border of Lebanon and Israeli-occupied Syria), from the Lebanon and Anti-Lebanon Mountains (in Lebanon, crossing into Syria on the Anti-Lebanon), from Jabal Al Arab (Druz) in southern Syria, and from western Jordan (from Al Karak in the north to Petra in the south). It is found from 1,350 up to at least 2000 m asl. On Mount Hermon it occurs above 1500 m. The total area of occupancy of this species is estimated to be below 500 km2.

### Habitat and Ecology Information:

This species is very restricted to the fragmented rocky areas in cedar and oak forests. Animals are found on boulders and amongst rocks, and can be found on abandoned buildings and similar modified habitats (although there is generally little human habitation in the range). It is an egg-laying species.

### Conservation Measures:

In Lebanon it is present in the Arz-Al Shouf and Horj Ehden protected areas; in Jordan it is found in the Dana Wildlife Reserve; it is also present in the Mount Hermon protected area. It is protected by Israeli national legislation.

### Threats:

This species has a fragmented recital range. It is threatened by habitat loss through tourism development in southern Jordan. On Mount Hermon, it is threatened by the development of its habitat for use by the military, and is potentially threatened by the development of the ski industry. It is threatened by overgrazing of suitable habitat in parts of its range and is potentially threatened by climate change.

### Species population information:

It is a common species.

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Jordan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lebanon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Syrian Arab Republic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced
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## FAO Marine Habitats

## Major Lakes

## Major Rivers

## Upper Level Habitat Preferences

6 Rocky areas (eg. inland cliffs, mountain peaks)

Score

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"/>
1.1	Agriculture	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4	Livestock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.4.1	Nomadic	<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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.9	Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Pollution (affecting habitat and/or species)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.1	Atmospheric pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.1.1	Global warming/oceanic warming	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.9	Restricted range	<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"/>
1.2.1.2	National level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.1	Taxonomy	<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"/>

### 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:** B2ab(iii)

**Rationale for the Red List Assessment:** Listed as Endangered because its Area of Occupancy is probably less than 500km<sup>2</sup>, its distribution is severely fragmented, and there is a continuing decline in the extent and quality of its habitat.

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

**Assessor(s):** Ahmad Mohammed Mousa Disi, Souad Hraoui-Bloquet, Riyad Sadek, Yehudah Werner

**Notes on Red listing:** This is considered to be a Critically Endangered species in Israel (where it occurs only in Israeli-occupied Syria).

### Bibliography

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