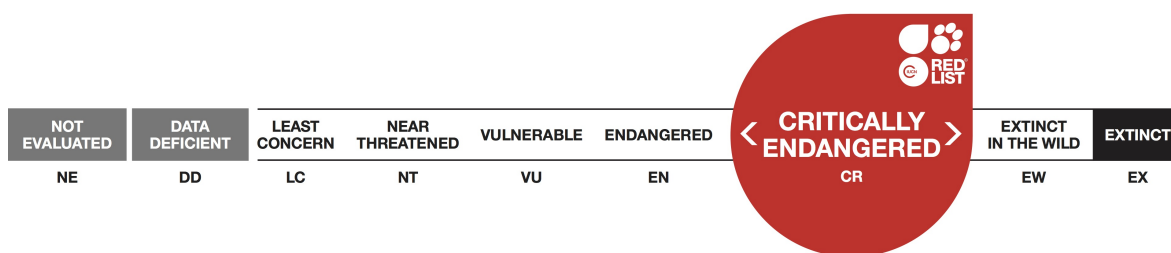


## *Acanthodactylus harranensis*

Assessment by: Yakup Kaska, Yusuf Kumlutaş, Aziz Avci, Nazan Üzüm, Can Yeniurt, Ferdi Akarsu, Roberto Sindaco



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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia	Squamata	Lacertidae

**Taxon Name:** *Acanthodactylus harranensis* Baran, Kumlutaş, Lanza, Sindaco, Ilgaz, Avci & Crucitti, 2005

## Assessment Information

**Red List Category & Criteria:** Critically Endangered B1ab(iii,v)+2ab(iii,v) [ver 3.1](#)

**Year Published:** 2009

**Date Assessed:** December 14, 2008

### Justification:

This species is listed as Critically Endangered because its extent of occurrence is 3.6 km<sup>2</sup> and area of occupancy is less than 3.6 km<sup>2</sup>. All individuals are in a single location and there is a continuing decline in the extent and quality of habitat and the number of mature individuals. This species could decline significantly with increases in tourism, historic excavation pressure and overgrazing (Lise 2006).

## Geographic Range

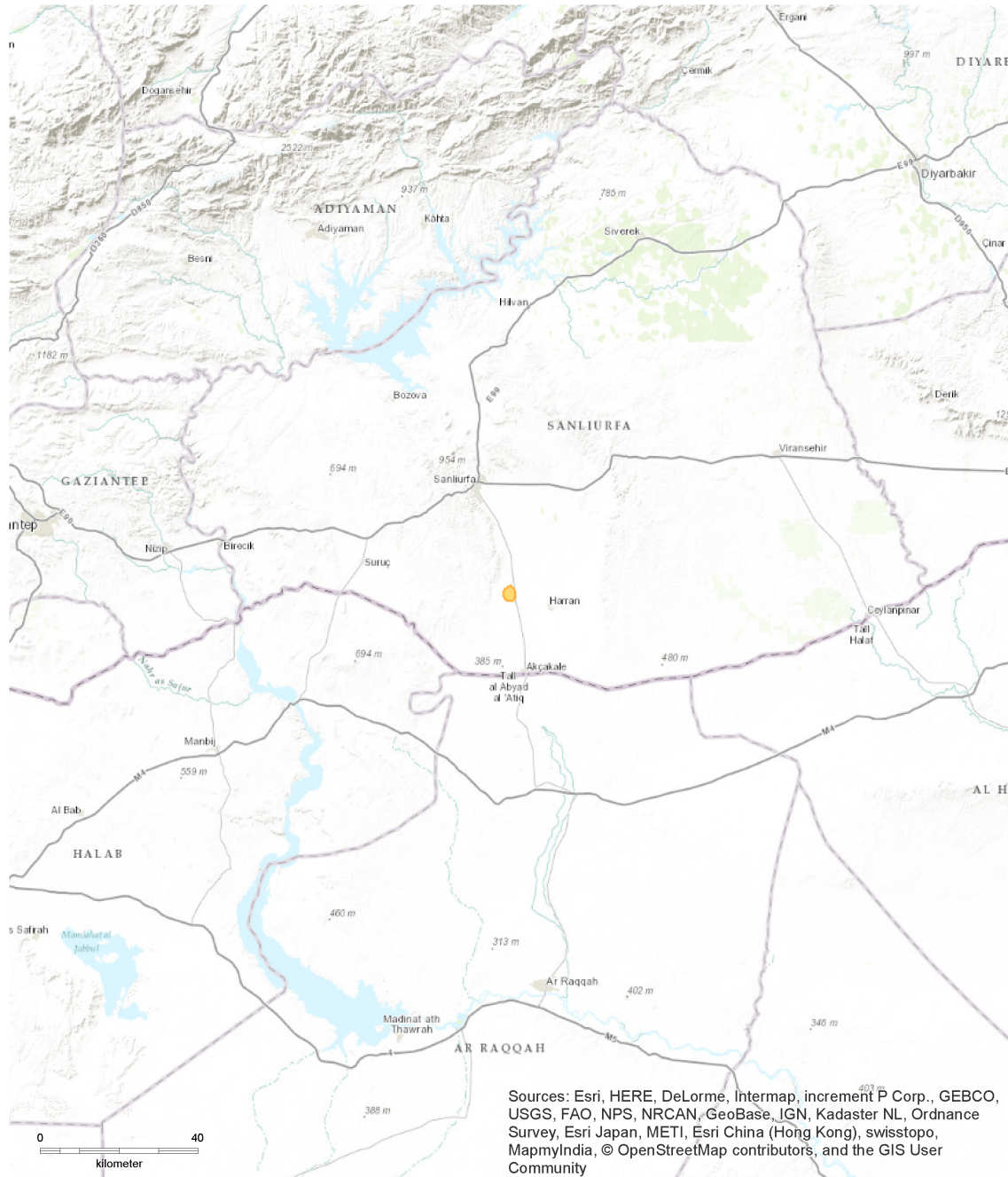
### Range Description:

This species is currently known only from the ruins of the ancient city of Harran in Turkey, with a total known range of approximately 3.6 km<sup>2</sup> (Baran *et al.* 2005, Eken *et al.* 2006). The occurrence in adjoining poorly surveyed countries (northern Syria and northern Iraq) is possible, but needs to be confirmed (R. Sindaco in litt. October 2008). The species has been recorded at around 400 m asl.

### Country Occurrence:

**Native:** Turkey

# Distribution Map



## *Acanthodactylus harranensis*

Range

- Extant (resident)

Compiled by:  
IUCN (International Union for Conservation of Nature)

NE	DD	LC	NT	VU	EN	<b>&lt; CR &gt;</b>	EW	EX
<b>CR</b>							<b>CRITICALLY ENDANGERED</b>	



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



## Population

This species is rare within its very limited habitat. There are believed to be fewer than 1,000 mature individuals at the Harran locality.

**Current Population Trend:** Decreasing

## Habitat and Ecology (see Appendix for additional information)

It is found in rocky habitats including ruins, but not the surrounding intensive agriculture. It lays eggs.

**Systems:** Terrestrial

## Threats (see Appendix for additional information)

This species is threatened by tourism of the historic site, and possibly also by continuing excavation of ruins. It is threatened by overgrazing of its habitat within the only known locality (Lise 2006). This species cannot tolerate intensive agriculture which occurs in the areas surrounding the historic site.

## Conservation Actions

This species is found in a Harran archeological protected area. However, this site is managed protected for the conservation of the historical site and tourism. More research is needed to understand the biology of the species.

## Credits

**Assessor(s):** Yakup Kaska, Yusuf Kumlutaş, Aziz Avci, Nazan Üzüm, Can Yenyurt, Ferdi Akarsu, Roberto Sindaco

**Reviewer(s):** Neil Cox and Helen Temple

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- Baran, I., Kumlutaş, Y., Benedetto Lanza, B., Sindaco, R., Ilgaz, C., Avcı, A. and Crucitti, P. 2005. *Acanthodactylus harranensis*, a new species of lizard from southeastern Turkey (Reptilia: Sauria: Lacertidae). *Boll. Mus. reg. Sci. nat. Torino* 23(1): 323-341.
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## External Resources

For [Images and External Links to Additional Information](#), please see the Red List website.

## Appendix

### Habitats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Habitat	Season	Suitability	Major Importance?
0. Root -> 6. Rocky areas (eg. inland cliffs, mountain peaks)	-	Suitable	-

### Threats

(<http://www.iucnredlist.org/technical-documents/classification-schemes>)

Threat	Timing	Scope	Severity	Impact Score
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.4. Scale Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
6. Human intrusions & disturbance -> 6.1. Recreational activities	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation 2. Species Stresses -> 2.2. Species disturbance		

### Additional Data Fields

<b>Distribution</b>
Number of Locations: 1
<b>Population</b>
Population severely fragmented: No

## The IUCN Red List Partnership



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