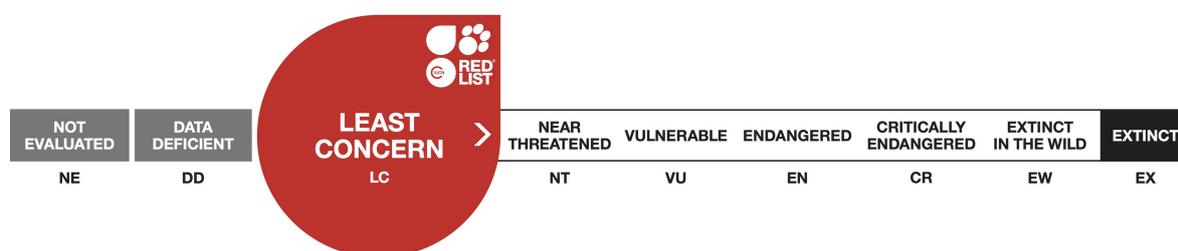


Timon tangitanus, Lézard Ocellé du Atlas

Assessment by: Jose Antonio Mateo Miras, El Hassan El Mouden, Juan Pleguezuelos, Tahar Slimani, Iñigo Martínez-Solano



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Reptilia	Squamata	Lacertidae

Taxon Name: *Timon tangitanus* (Boulenger, 1887)

Synonym(s):

- *Lacerta tangitanus*

Common Name(s):

- French: Lézard Ocellé du Atlas
- Spanish: Lagarto ocelado del Atlas

Taxonomic Notes:

This species was included in the genus *Lacerta*, but it is now placed in the genus *Timon* (Mayer and Bischoff 1996; Fu 1998, 2000; Harris *et al.* 1998; Harris and Carretero 2003). We follow Mateo *et al.* (1996) in treating animals from Morocco previously considered to be *Timon pater* as *T. tangitana*. True *Timon pater* occurs in Tunisia and Algeria.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2009

Date Assessed: December 14, 2008

Justification:

Listed as Least Concern in view of its wide distribution, presumed large population, and because it is unlikely to be declining fast enough to qualify for listing in a more threatened category.

Previously Published Red List Assessments

2006 – Least Concern (LC)

Geographic Range

Range Description:

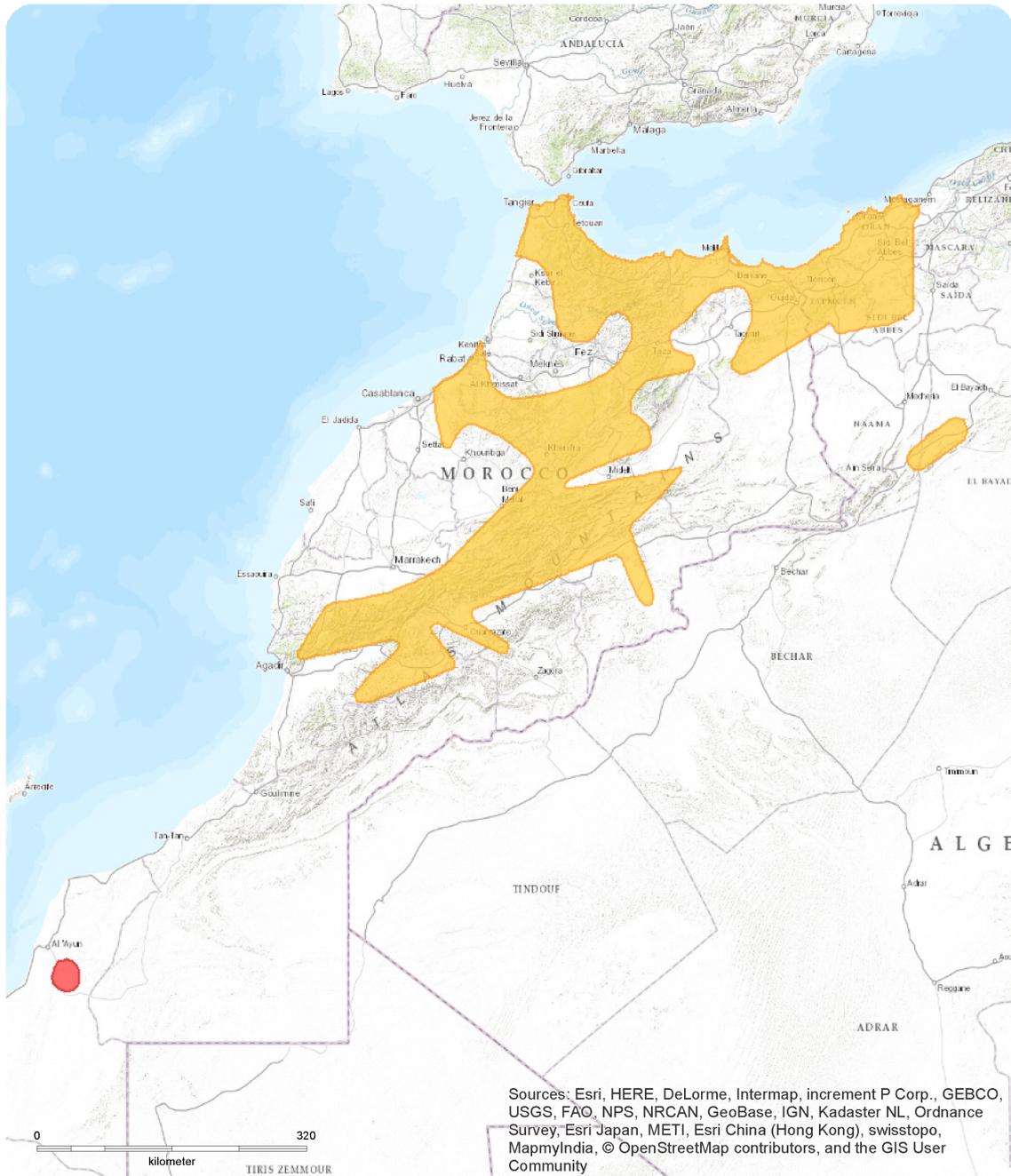
This species occurs in much of Morocco (except the southwest, based on current records) and in northwestern Algeria. There is an apparently isolated population in northern Western Sahara, however recent surveys have failed to locate any specimens and it is possible that this population is now extirpated (Juan M Pleguezuelos pers. comm., October 2008). This species may occur in the Spanish North African enclaves of Ceuta and Melilla (old unconfirmed records). It occurs up to 2,500m asl.

Country Occurrence:

Native: Algeria; Morocco

Possibly extinct: Western Sahara

Distribution Map

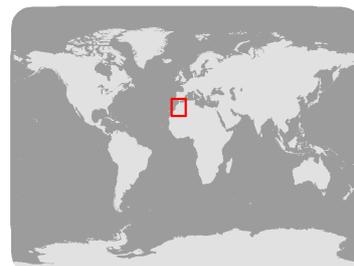


Timon tangitanus

Range

- Extant (resident)
- Possibly Extinct

Compiled by:
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Conservation of Nature)



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



Population

It is a relatively common species, except in Western Sahara.

Current Population Trend: Decreasing

Habitat and Ecology (see Appendix for additional information)

It occurs in Mediterranean scrubby habitats and middle-elevation mountain forests. It is an egg-laying species.

Systems: Terrestrial

Threats (see Appendix for additional information)

The main threat to the species is habitat destruction as a result of wood extraction. It is also harvested for local use for traditional medicinal use. In general, these threats are localized and the species is not believed to be significantly threatened.

Conservation Actions (see Appendix for additional information)

It has been recorded in the Reserve de Grouka in Morocco.

Credits

Assessor(s): Jose Antonio Mateo Miras, El Hassan El Mouden, Juan Pleguezuelos, Tahar Slimani, Iñigo Martínez-Solano

Reviewer(s): Cox, N. and Temple, H.J. (Global Reptile Assessment)

Bibliography

- Bons, J. and Geniez, P. 1996. *Amphibiens et Reptiles du Maroc (Sahara Occidental compris), Atlas biogéographique*. Assoc. Herpetol. Espanola., Barcelona.
- Busack, S.D. 1987. Morphological and biochemical differentiation in Spanish and Moroccan populations of the lizard, *Lacerta lepida*. *J. Herpetol.*: 277-284.
- Fu, J. 1998. Toward the phylogeny of the family Lacertidae: implications from mitochondrial DNA 12S and 16S gene sequences (Reptilia: Squamata). *Molecular Phylogenetics and Evolution* 9: 118-130.
- Fu, J. 2000. Toward the phylogeny of the family Lacertidae: why 4,708 base pairs of mtDNA sequences cannot draw the picture. *Biological Journal of the Linnean Society* 71: 203-217.
- Harris, D.J. and Carretero, M.A. 2003. Comments on the taxonomic value of (sub)genera within the family Lacertidae (Reptilia). *Amphibia-Reptilia* 24: 119-122.
- Harris, D.J., Arnold, E.N. and Thomas, R.H. 1998. Relationships of lacertid lizards (Reptilia: Lacertidae) estimated from mitochondrial DNA sequences and morphology. *Proceedings of the Royal Society London, Series B* 265: 1939-1948.
- IUCN. 2009. IUCN Red List of Threatened Species (ver. 2009.1). Available at: www.iucnredlist.org. (Accessed: 22 June 2009).
- Mateo, J.A., López-Jurado, L.F. and Guillaume, C.P. 1996. Proteic and morphological variations in ocellated lizards (Lacertidae): A complex of species across the Strait of Gibraltar. *Comptes Rendus de L Academie Des Sciences Serie III - Sciences de La Vie - Life Sciences*: 737-746.
- Mayer, W. and Bischoff, W. 1996. Beiträge zur taxonomischen Revision der Gattung *Lacerta* (Reptilia: Lacertidae). Teil 1: *Zootoca*, *Omanosaura*, *Timon* und *Teira* als eigenständige Gattungen. *Salamandra* 32(3): 163-170.
- Odierna, G., Olmo, W., Capriglione, T. and Caputo, V. 1990. Karyological differences between *Lacerta lepida* and *Lacerta pater*. *J. Herpetol.*: 97-99.
- Paulo, O.S., Pinheiro, J., Miraldo, A., Bruford, M.W., Jordan, W.C. and Nichols, R.A. 2008. The role of vicariance vs. dispersal in shaping genetic patterns in ocellated lizard species in the western Mediterranean. *Molecular Ecology* 17(6): 1535-1551.
- Schleich, H.H., Kästle, W. and Kabisch, K. 1996. *Amphibians and Reptiles of North Africa*. Koeltz, Koenigstein.
- Schlüter, U. 2004. Die Herpetofauna des Mittleren Atlas von Marokko. *Reptilia (Münster)*: 42-49.
- Sindaco, R. and Jeremčenko, V.K. 2008. *The Reptiles of the Western Palearctic. 1. Annotated Checklist and Distributional atlas of the turtles, crocodiles, amphisbaenians and lizards of Europe, North Africa, Middle East and Central Asia*. Edizioni Belvedere, Latina (Italy).

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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?
1. Forest -> 1.4. Forest - Temperate	-	Suitable	-
3. Shrubland -> 3.4. Shrubland - Temperate	-	Suitable	-
3. Shrubland -> 3.8. Shrubland - Mediterranean-type Shrubby Vegetation	-	Suitable	-

Use and Trade

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

End Use	Local	National	International
Medicine - human & veterinary	Yes	No	No

Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.1. Hunting & trapping terrestrial animals -> 5.1.1. Intentional use (species is the target)	Ongoing	-	-	-
	Stresses:	2. Species Stresses -> 2.1. Species mortality		
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.5. Motivation Unknown/Unrecorded	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions in Place

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

Conservation Actions in Place
In-Place Land/Water Protection and Management
Conservation sites identified: Yes, over entire range

Conservation Actions Needed

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

Conservation Actions Needed
2. Land/water management -> 2.1. Site/area management
3. Species management -> 3.1. Species management -> 3.1.1. Harvest management

Research Needed

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

Research Needed
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats
1. Research -> 1.6. Actions
3. Monitoring -> 3.1. Population trends

Additional Data Fields

Distribution
Upper elevation limit (m): 2500
Population
Population severely fragmented: No

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