

Chalcides minutus

Taxonomic Authority: Caputo, 1993

Synonyms:

Region: 7

Common Names:

Small Three-toed Skink English

Petit seps tridactyle French

Family: Scincidae

Order: Sauria

Notes on taxonomy:

General Information

Biome

Terrestrial

Freshwater

Marine

Geographic Range of species:

This poorly known species occurs in northeastern Morocco, northwestern Algeria and in Melilla (Spain). It is known from the Riff Mountains, northeastern parts of the Middle Atlas Mountains and the Montes de Tlemcén. It occurs in two isolated areas that are separated by the Moulouya River.

Habitat and Ecology Information:

This species is found in damp, sunny areas with dense vegetation. Habitats include, grassland, meadows, areas close to streams, hedges, open cork oak forest and the edges of cultivated land. It can also be found in arid and degraded areas. It is a viviparous species.

Conservation Measures:

It is currently known to exist in several Moroccan protected areas: Embouchure Moulouya, Sebkhia Bou Areg, Bou Iblane, Bou Naceur, Trois fourches, Gourougou, Lalla Outka, Bou Iblane, Jbel Tichoukt, Jaaba. It is also found on Beni Snassen Mountain in Morocco that will soon be classified as a Biological Station.

Threats:

It is threatened by habitat loss from overgrazing by livestock, and conversion of land to agricultural and urban use.

Species population information:

It is thought to be locally common.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
Algeria	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Morocco	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spain	<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
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Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score
1.4 Forest - Temperate	2
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1
4.4 Grassland - Temperate	1
5.2 Wetlands (inland) - Seasonal/Intermittent/Irregular Rivers/Streams/Creeks	2
11.3 Artificial/Terrestrial - Plantations	2

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"/>
1.1.1	Crops	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.1.3	Agro-industry farming	<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"/>
1.4.2	Human settlement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Conservation Measures

Code	Conservation measures	In place	Needed
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 type="checkbox"/>	<input checked="" type="checkbox"/>
4.4	Protected areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.2	Establishment	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.3	Management	<input 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: Vulnerable (VU) Possibly Extinct

Red List Criteria: B1ab(iii)

Rationale for the Red List Assessment: Listed as Vulnerable because its Extent of Occurrence is less than 20,000 km², its distribution is severely fragmented, and there is continuing decline in the extent and quality of its forest habitat.

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

Assessor(s): Jose Antonio Mateo Miras, Ulrich Joger, Juan Pleguezuelos, Tahar Slimani, El Hassan El Mouden, Philippe Geniez

Notes on Red listing:

Bibliography

Pleguezuelos, J.M., Márquez, R. and Lizana, M., 2002, , Atlas y Libro Rojo de los Anfibios y Reptiles de España., , pp. 584, Dirección General de la Conservación de la naturaleza-Asociación Herpetológica Española., Madrid.

Caputo, V., 1993, Taxonomy and evolution of the Chalcides chalcides complex (Reptilia, Scincidae) with description of two new species., Museo Regionale de Scienze Naturali Bollettino (Turin), , 11(1); 47-120, ,

Schlüter, U., 2004, Die Herpetofauna des Mittleren Atlas von Marokko., Reptilia (Münster), , 9(1), 42-49, ,

Bons, J. and Geniez, P., 1996, , Amphibiens et Reptiles du Maroc (Sahara Occidental compris), Atlas biogéographique., , 320 pp., Assoc. Herpetol. Espanola., Barcelona