

Vipera latastei

Taxonomic Authority: Boscà, 1878

Synonyms:

Vipera latasti Boscà, 1878

Region: 7

Common Names:

Lataste's Viper English
Stülpnasenotter German

Order: Ophidia

Family: Viperidae

Notes on taxonomy: Both spellings (latastei and latasti) appeared in different places in the original description by Boscà and were subsequently used by different authors. David and Ineich (1999) acted as the first reviser and selected latastei as the valid spelling. However, the name is still under dispute (Montori and Llorente 2005), and is under discussion in the International Commission for Zoological Nomenclature (V. Pérez-Mellado pers. comm.).

General Information

Biome

Terrestrial Freshwater Marine

Geographic Range of species:

This species ranges from northern Morocco to northern Algeria, and extreme northwestern Tunisia in North Africa, and it is also present on the Iberian Peninsula where it has a fragmented population in both Portugal and Spain (being absent from the north of Spain). It occurs from sea level up to 2,000 m asl.

Habitat and Ecology Information:

This species is found in dry, rocky areas, in dry open scrubland and woodland, hedgerows, stone walls and sometimes in coastal dunes. The females give birth to between four and nine young.

Conservation Measures:

This species is listed on Annex II of the Bern Convention. The species does occur in protected areas in the Iberian peninsula.

Threats:

This species has declined throughout much of the lowlands and even in the montane areas of Iberia. Threats identified include direct persecution when encountered, coastal urbanisation, afforestation with coniferous trees, burning of suitable habitat, intensification of agricultural practices, and accidental mortality (particularly of males) on roads.

Species population information:

It is a species that is increasingly rare and fragmented throughout its range.

<u>Country Distribution</u>	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"/>
Portugal	<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"/>
Tunisia	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<u>FAO Marine Habitats</u>	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced
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Major Lakes

Major Rivers

<u>Upper Level Habitat Preferences</u>	Score	<u>Lower Level Habitat Preferences</u>	Score
1.4 Forest - Temperate	1		
3.8 Shrubland - Mediterranean-type Shrubby Vegetation	1		
6 Rocky areas (eg. inland cliffs, mountain peaks)	1		
10.2 Coastline - Sand, Shingle or Pebble Shores (incl. sand bars, spits, sandy islets, dune systems)	1		
11.2 Artificial/Terrestrial - Pastureland	2		
12.5 Artificial/Aquatic - Excavations (open)	1		

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"/>

Conservation Measures

Code	Conservation measures	In place	Needed
1	Policy-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2	Legislation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1	Development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1.1.2	Wood plantations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.1.2 National level	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.1.2.2	Large-scale	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2 Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.4	Livestock	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	1.2.2.1 International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.4.3	Agro-industry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 Communication and Education	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4	Infrastructure development	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2.2 Awareness	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.2	Human settlement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3 Research actions	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.4.3	Tourism/recreation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.2 Population numbers and range	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1.7	Fires	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.4 Habitat status	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Accidental mortality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.5 Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.2	Collision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.8 Conservation measures	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.2.2	Vehicle collision	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3.9 Trends/Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Persecution	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4 Habitat and site-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.2	Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.1 Maintenance/Conservation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	Human disturbance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	4.4 Protected areas	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.5	Fire	<input checked="" type="checkbox"/>	<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%	Other forms removed from the wild:
Source of specimens in commercial trade	100%	>75%	51-75%	26-50% <25%	Other source of specimens:

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: Near Threatened (NT) Possibly Extinct

Red List Criteria:

Rationale for the Red List Assessment: Listed as Near Threatened because this species is probably in significant decline (but probably at a rate of less than 30% over ten years) because of widespread habitat loss and persecution through much of its range, thus making the species close to qualifying for Vulnerable; further population reduction is expected, but is not likely to exceed 30% over the next 10 years, but localised extinctions in parts of its range are possible (e.g. Tunisia).

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

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Notes on Red listing:

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