

Gallotia intermedia

Region: 1

Taxonomic Authority: Barbadillo, Lacomba, Pérez-Mellado, Sancho and López-Jurado, 1999

Synonyms:

Common Names:

Tenerife Speckled Lizard English
Lagarto Canario Moteado Spanish

Order: Sauria

Family: Lacertidae

Notes on taxonomy: This species is described by Hernandez et al. (2000), but the name first appeared in Barbadillo et al. (1999).

General Information

Biome Terrestrial Freshwater Marine

Geographic Range of species:

This species was discovered in 1996 in the Macizo de Teno in the extreme northwest of Tenerife island, in the Canary Islands (Spain). It is now known from a small area of coastline in the extreme west of the island, and also from Montana de Guaza in the extreme south. It is believed that the species was once widespread throughout much of Tenerife.

Habitat and Ecology Information:

This species inhabits rugged terrain, with rocks and boulders, often found on small rock ledges with sparse vegetation. The species is presumed to have once occurred in a variety of habitats across Tenerife. The species is largely herbivorous. It is an egg-laying species.

Conservation Measures:

Measures to control access by cats to some of the remaining populations, such as fencing, have been implemented. A recovery action plan has been developed for this species. The species may still exist in other inaccessible parts of Tenerife, more field surveys are urgently needed. It occurs in at least one protected area.

Threats:

The main threat to this species is predation by feral cats and, to a lesser degree, by rats. It is presumed that the historical decline in this species was largely due to predation by cats. Several of the smaller populations, consisting of a few individuals, may be threatened by the effects of inbreeding.

Species population information:

There are 40 isolated populations along 9 km of coastline, totaling 500 animals. The population at Montana de Guaza is around 100 animals. It is increasing as a result of control of introduced mammals.

Country Distribution

	Native - Presence Confirmed	Native - Presence Possible	Extinct	Reintroduced	Introduced	Vagrant
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
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Major Lakes

Major Rivers

Upper Level Habitat Preferences

	Score
3.4 Shrubland - Temperate	1
6 Rocky areas (eg. inland cliffs, mountain peaks)	1
10.1 Coastline - Rocky Shores (includes rocky offshore islands and sea cliffs)	1

Lower Level Habitat Preferences

Score

Major threats

Code	Description of threat	Past	Present	Future
2	Invasive alien species (directly affecting the species)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Predators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Intrinsic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.1	Limited dispersal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.2	Poor recruitment/reproduction/regeneration	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.4	Inbreeding	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9.7	Slow growth rates	<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"/>
1.1	Management plans	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.1.1	Development	<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"/>
1.2.1.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2	Implementation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1.2.2.1	International level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Communication and Education	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2.2	Awareness	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Research actions	<input checked="" 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.5	Threats	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.8	Conservation measures	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3.9	Trends/Monitoring	<input checked="" 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 type="checkbox"/>
4.4	Protected areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.1	Identification of new protected areas	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.2	Establishment	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4.4.3	Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Species-based actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5.4	Recovery 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% 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: Critically Endangered (CR) Possibly Extinct

Red List Criteria: B1ab(v)+2ab(v)

Rationale for the Red List Assessment: Listed as Critically Endangered because its Extent of Occurrence is less than 100 km² and its Area Of Occupancy is less than 10km², its distribution is severely fragmented, and although it is no longer experiencing a continuing population decline, it has only been increasing since 2001.

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

Assessor(s): Jose Antonio Mateo Miras, Valentin Pérez-Mellado

Notes on Red listing:

Bibliography

Hernández, E., Nogales, N. and Martín, A., 2000, Discovery of a new lizard in the Canary Islands, with a multivariant analysis of Gallotia (Reptilia: Lacertidae). *Herpetologica*, , , 56(1); 63-76, ,

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.

Arnold, E.N., 2003, , Reptiles and amphibians of Europe., , 288 pp., Princeton University Press., Princeton and Oxford.

Barradillo, L.J., Lacomba, J.I., Pérez-Mellado, V., Sancho, V. and López-Jurado, L.F., 1999, , Anfibios y Reptiles de la Peninsula Ibérica, Baleares y Canarias., , 419 pp., Editorial Planeta., Barcelona.