

Hipparchia tilosi, La Palma Grayling

Assessment by: van Swaay, C., Wynhoff, I., Verovnik, R., Wiemers, M., López Munguira, M., Maes, D., Sasic, M., Verstrael, T., Warren, M. & Settele, J.



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Citation: van Swaay, C., Wynhoff, I., Verovnik, R., Wiemers, M., López Munguira, M., Maes, D., Sasic, M., Verstrael, T., Warren, M. & Settele, J. 2010. *Hipparchia tilosi*. *The IUCN Red List of Threatened Species 2010*: e.T173201A6973170. <http://dx.doi.org/10.2305/IUCN.UK.2010-1.RLTS.T173201A6973170.en>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Arthropoda	Insecta	Lepidoptera	Nymphalidae

Taxon Name: *Hipparchia tilosi* (Manil, 1984)

Common Name(s):

- English: La Palma Grayling

Assessment Information

Red List Category & Criteria: Vulnerable D2 [ver 3.1](#)

Year Published: 2010

Date Assessed: January 29, 2009

Justification:

This species occurs in fewer than five locations, its area of occupancy (AOO) is less than 20 km² and it is threatened by tourist activities and fires. Therefore it is classified as Vulnerable.

Geographic Range

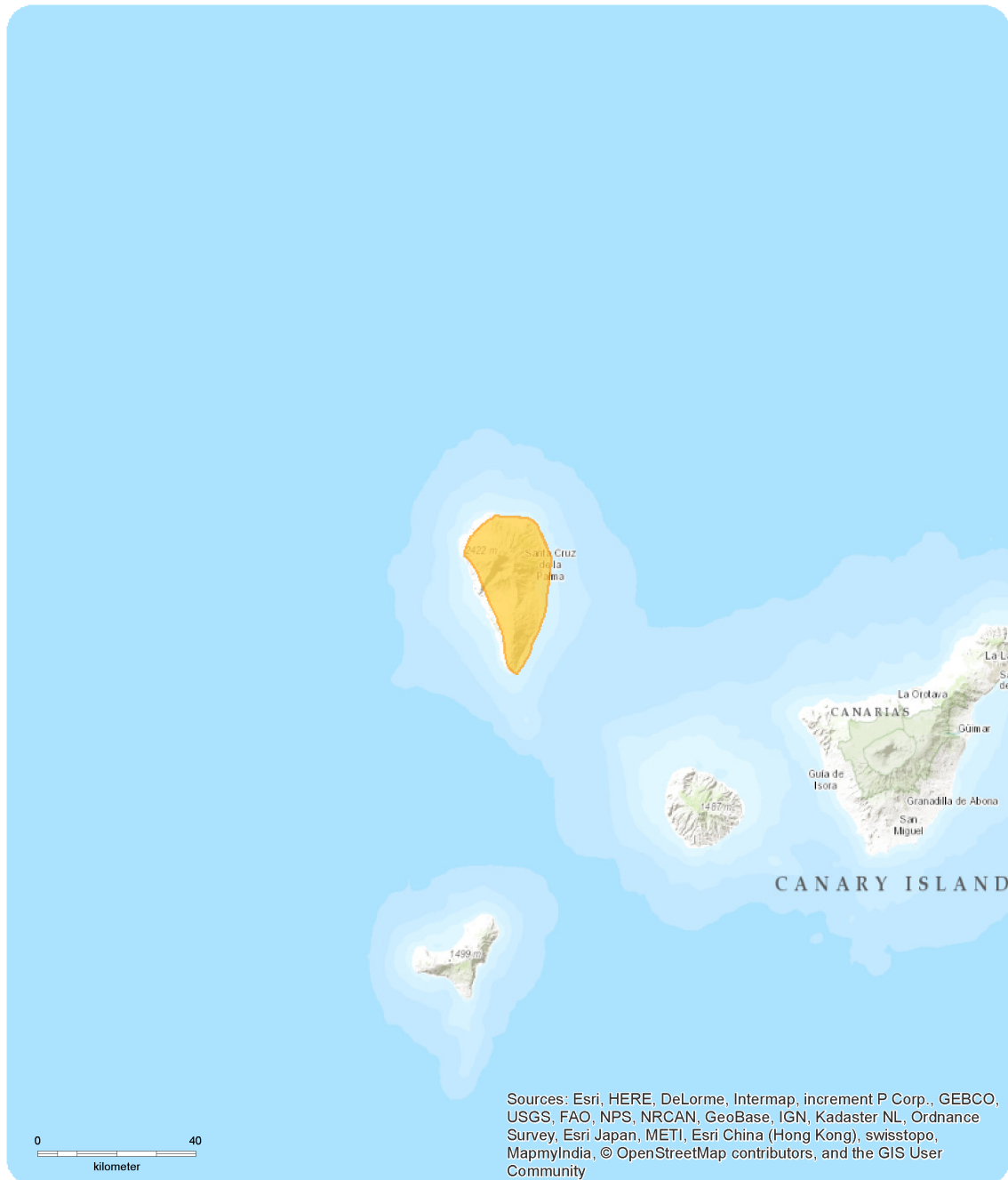
Range Description:

The La Palma Grayling occurs only on the Canary Island of La Palma, between 400-1,300 m elevation. This is a European endemic species.

Country Occurrence:

Native: Spain (Canary Is.)

Distribution Map



Hipparchia tilosi

Range

- Extant (resident)

Compiled by:
Butterfly Conservation Europe
2009



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 is a very local and rare European endemic, restricted to (semi-) natural areas on La Palma, Canary Islands. It is not known how large the population is, but numbers might well be under 10,000 adults.

Current Population Trend: Stable

Habitat and Ecology (see Appendix for additional information)

This Grayling is confined to one of the Canary Islands, La Palma. It can be found in rocky gullies surrounded by laurel or pine forest. It has one generation a year (Tolman & Lewington 2008). Detailed habitat descriptions are not available.

Systems: Terrestrial

Use and Trade

All butterflies are collected to some extent, but only for the extremely rare species it can be a problem and the trade in Europe is generally at a low level compared to other continents. There is no specific trade information for this species.

Threats (see Appendix for additional information)

This species is restricted to few locations on one island. It is threatened by tourist activities and fires.

Conservation Actions (see Appendix for additional information)

As this species has a restricted global range and is very rare, its distribution and trend should be monitored closely, for example by a Butterfly Monitoring Scheme.

Credits

Assessor(s): van Swaay, C., Wynhoff, I., Verovnik, R., Wiemers, M., López Munguira, M., Maes, D., Sasic, M., Verstrael, T., Warren, M. & Settele, J.

Reviewer(s): Lewis, O. (Butterfly RLA) & Cuttelod, A. (IUCN Red List Unit)

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Citation

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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	-
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
1. Residential & commercial development -> 1.3. Tourism & recreation areas	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.1. Fire & fire suppression -> 7.1.1. Increase in fire frequency/intensity	Ongoing	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		
7. Natural system modifications -> 7.3. Other ecosystem modifications	Past, likely to return	-	-	-
	Stresses:	1. Ecosystem stresses -> 1.2. Ecosystem degradation		

Conservation Actions Needed

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

Conservation Actions Needed
1. Land/water protection -> 1.1. Site/area protection
2. Land/water management -> 2.1. Site/area management
4. Education & awareness -> 4.3. Awareness & communications
5. Law & policy -> 5.1. Legislation -> 5.1.1. International level
5. Law & policy -> 5.1. Legislation -> 5.1.2. National level
5. Law & policy -> 5.1. Legislation -> 5.1.3. Sub-national level
5. Law & policy -> 5.4. Compliance and enforcement -> 5.4.1. International level
5. Law & policy -> 5.4. Compliance and enforcement -> 5.4.2. National level
5. Law & policy -> 5.4. Compliance and enforcement -> 5.4.3. Sub-national level

Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy
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
2. Conservation Planning -> 2.1. Species Action/Recovery Plan
3. Monitoring -> 3.1. Population trends

Additional Data Fields

Population
Population severely fragmented: No

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