

Leptogium inversum

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View on www.iucnredlist.org

Citation: Simijaca, D., Moncada, B., Soto-Medina, E., Coca, L.F. & Jaramillo, M. 2023. *Leptogium inversum*. The IUCN Red List of Threatened Species 2023: e.T180149902A180157494.

<https://dx.doi.org/10.2305/IUCN.UK.2023-1.RLTS.T180149902A180157494.es>

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Fungi	Ascomycota	Lecanoromycetes	Peltigerales	Collemataceae

Scientific Name: *Leptogium inversum* P.M. Jørg. & A.K. Wallace

Taxonomic Source(s):

Index Fungorum Partnership. 2020. Index Fungorum. Available at: <http://www.indexfungorum.org>.

Identification Information:

Liquen folioso, de consistencia gelatinosa, color verde oliva a marrón oscuro, con matriz gelatinosa escasay abundantes apotecios submarginales a laminares. Superficie inferior cubierta por tomento (Jørgensen, 1997).

Assessment Information

Red List Category & Criteria: Vulnerable B1ab(iii) [ver 3.1](#)

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

La especie tiene una EOO de 16.760 km²; adicionalmente, presenta disminución en la calidad del hábitat en tres de sus localidades, donde se evidencia ampliación de la frontera agrícola, pastoreo de ganado y aprovechamiento del recurso forestal maderable. Además de la construcción y operación de líneas de servicio para el transporte de hidrocarburos. Por lo anterior, se lista como Vulnerable (VU).

Geographic Range

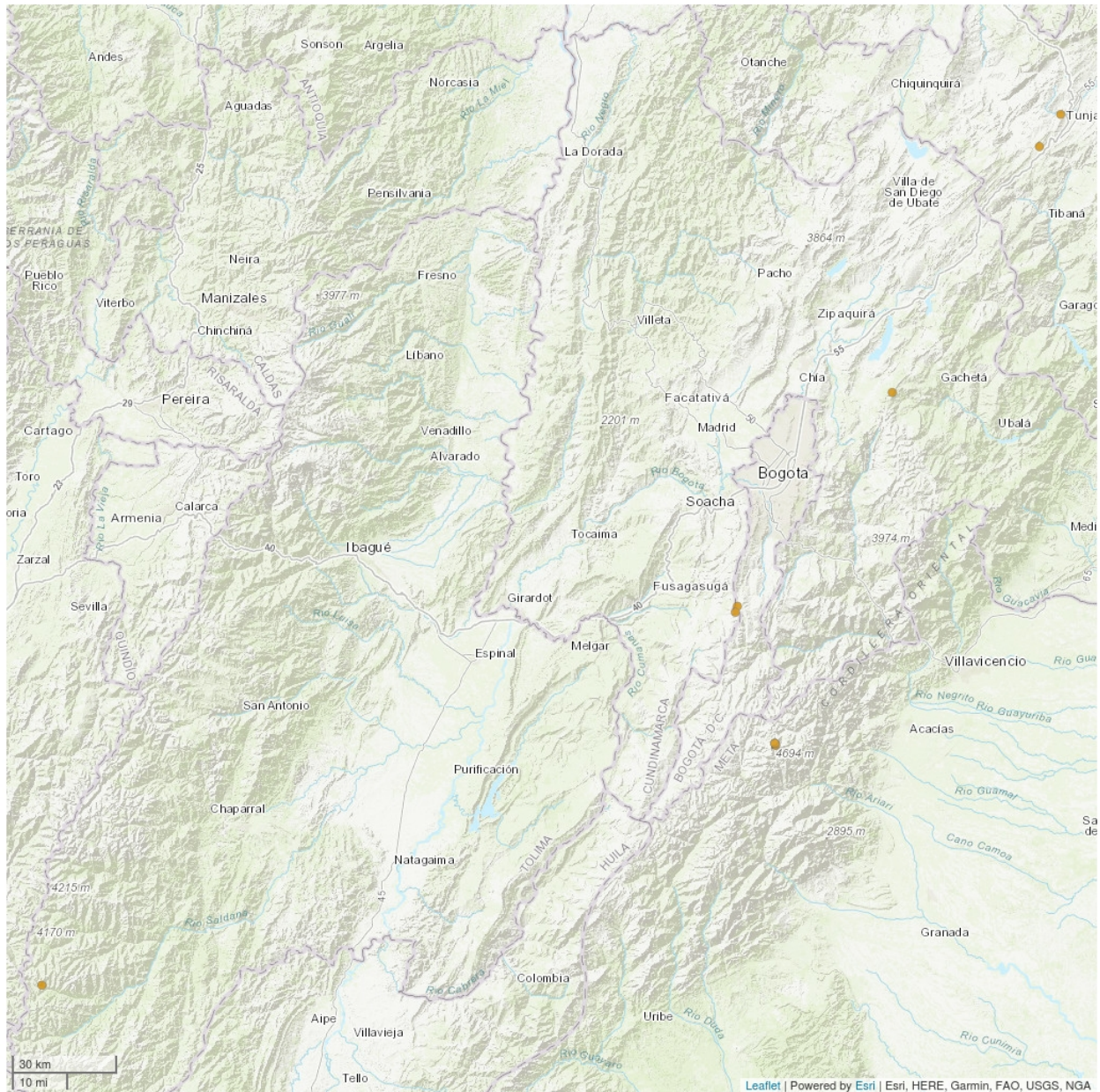
Range Description:

Se distribuye en Colombia en la cordillera Oriental en los departamentos de Boyacá, Cundinamarca y Meta.

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

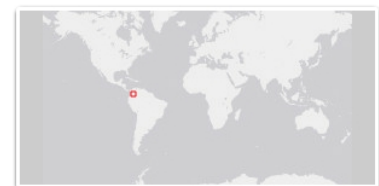


Legend

■ EXTANT (RESIDENT)

Compiled by:

IUCN (International Union for Conservation of Nature) 2019



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

Population

Dada la naturaleza de su crecimiento clonal y la falta de estudios sobre su ecología poblacional, para Colombia no se conoce nada sobre la abundancia o dinámica de las poblaciones de la especie.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

Se encuentra en páramos conservados o perturbados y crece como elemento epífita de arbustos de Ericaceae o árboles de *Weinmannia* en sitios húmedos y sombríos.

Systems: Terrestrial

Use and Trade (see Appendix for additional information)

No se han reportado usos para la especie.

Threats (see Appendix for additional information)

Sus principales amenazas son la construcción y operación de líneas de servicio para interconexión eléctrica y la ampliación de la frontera urbana y agrícola.

Conservation Actions (see Appendix for additional information)

El 60% de sus registros se encuentra en áreas protegidas. La especie se encuentra enmarcada en la Resolución 0213 de 1977 que veda su uso y comercialización. Se recomiendan investigaciones relacionadas con la historia de vida y la ecología de la especie, así como la tendencia de sus poblaciones y del hábitat para determinar estrategias de manejo para los ecosistemas donde la especie es frecuente.

Credits

Assessor(s): Simijaca, D., Moncada, B., Soto-Medina, E., Coca, L.F. & Jaramillo, M.

Reviewer(s): García, N., Allen, J. & Yahr, R.

Contributor(s): Lücking, R.

Facilitator(s) and Compiler(s): Lopez-Gallego, C.

Bibliography

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External Resources

For [Supplementary Material](#), and 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?
4. Grassland -> 4.7. Grassland - Subtropical/Tropical High Altitude	-	Suitable	-

Plant and Fungal growth forms

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

Plant and Fungal growth forms
LC. Lichen

Threats

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

Threat	Timing	Scope	Severity
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	-	-
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.1. Shifting agriculture	Ongoing	Unknown	Unknown
4. Transportation & service corridors -> 4.2. Utility & service lines	Ongoing	-	-

Conservation Actions in Place

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

Conservation Action in Place
In-place land/water protection
Occurs in at least one protected area: Yes
In-place species management
Subject to ex-situ conservation: No

Conservation Actions Needed

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

Conservation Action Needed	Notes
2. Land/water management -> 2.3. Habitat & natural process restoration	-
4. Education & awareness -> 4.3. Awareness & communications	-

Research Needed

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

Research Needed	Notes
1. Research -> 1.2. Population size, distribution & trends	-
1. Research -> 1.3. Life history & ecology	-
3. Monitoring -> 3.1. Population trends	-
3. Monitoring -> 3.4. Habitat trends	-

Additional Data Fields

Distribution
Estimated extent of occurrence (EOO) (km ²): 16760
Number of Locations: 6
Lower elevation limit (m): 3,035
Upper elevation limit (m): 4,100
Population
Population severely fragmented: Unknown
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

The IUCN Red List Partnership



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