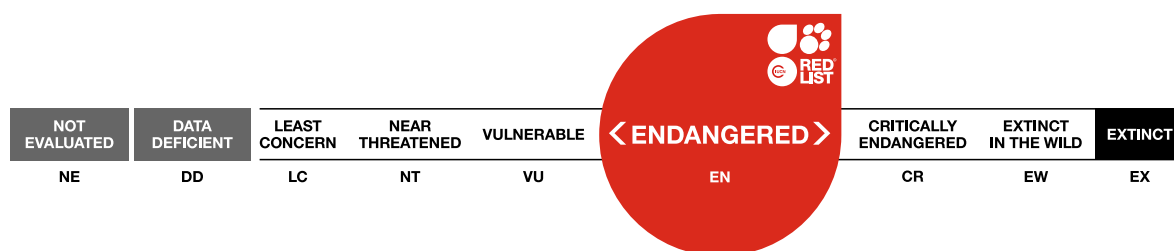


Lichenomphalia aurantiaca

Assessment by: Moncada, B., Simijaca, D., Soto-Medina, E., Coca, L.F. & Jaramillo, M.



View on www.iucnredlist.org

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Taxonomy

Kingdom	Phylum	Class	Order	Family
Fungi	Basidiomycota	Agaricomycetes	Agaricales	Hygrophoraceae

Scientific Name: *Lichenomphalia aurantiaca* (Redhead & Kuyper) Redhead, Lutzoni, Moncalvo & Vilgalys

Synonym(s):

- *Botrydina aurantiaca* Redhead & Kuyper
- *Omphalina aurantiaca* (Redhead & Kuyper) Barrasa & Esteve-Rav.
- *Phytoconis aurantiaca* (Redhead & Kuyper) Redhead & Kuyper

Taxonomic Source(s):

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

Identification Information:

Liquen dimorfo con una parte costrosa, verde y adherida al sustrato, que contiene algas y un basidiocarpo estipitado terminal de color amarillento (Redhead, et al.2002).

Assessment Information

Red List Category & Criteria: Endangered B2ab(iii) [ver 3.1](#)

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

La especie tiene una AOO de 8 km² y se conoce de solo dos localidades distantes entre sí. La subpoblación del municipio de Subachoque, presenta incidencia de actividades agrícolas, pastoreo de ganado. Por lo anterior, se lista como En Peligro (EN).

Geographic Range

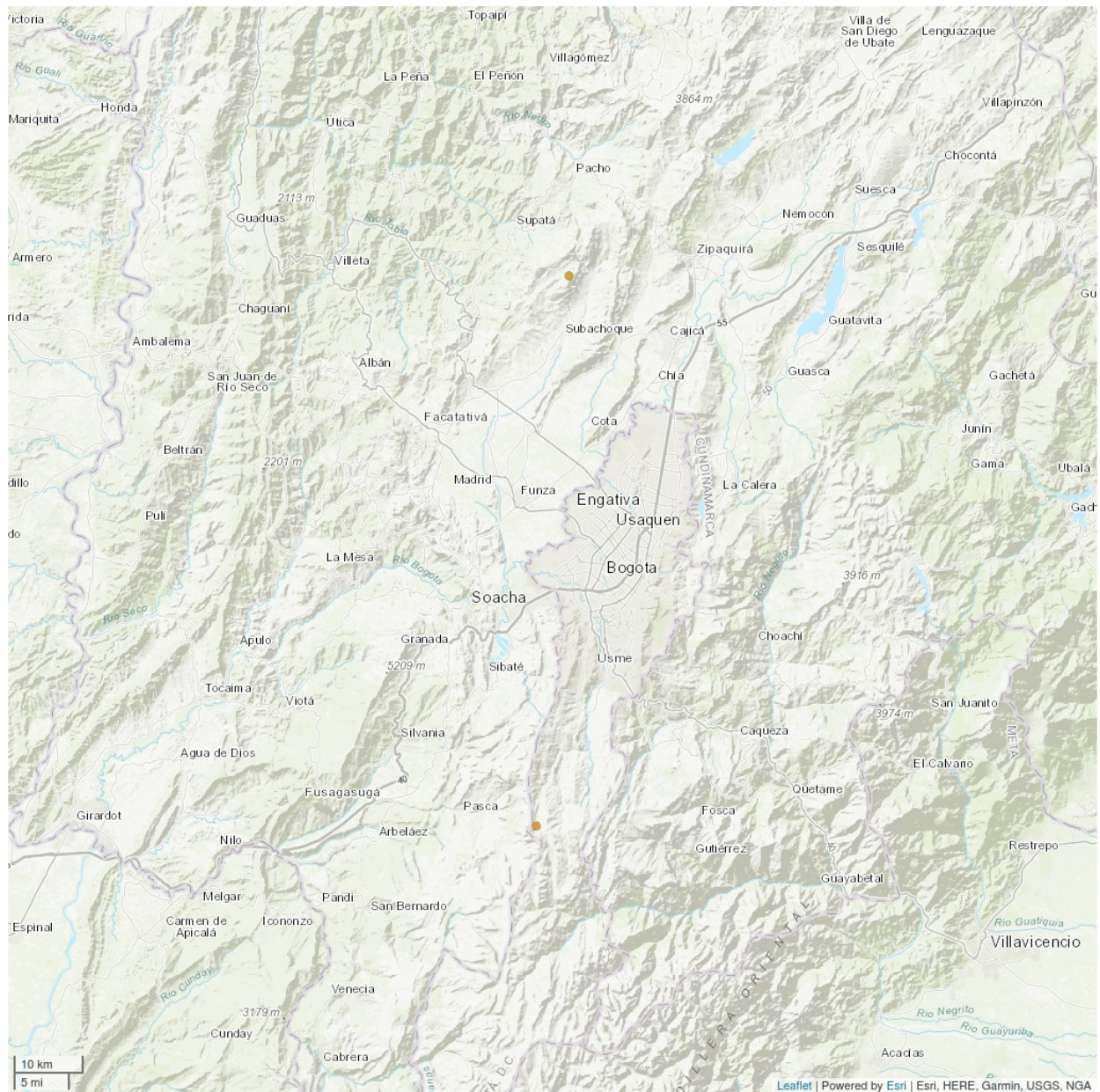
Range Description:

Se distribuye en Colombia en el departamento de Cundinamarca, con registros conocidos para el páramo de Sumapaz y Subachoque.

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

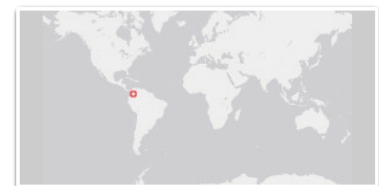


Legend

● 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 del bosque húmedo montano, crece en suelos desnudos.

Systems: Terrestrial

Use and Trade (see Appendix for additional information)

No se han reportado usos para la especie.

Threats (see Appendix for additional information)

Pese a que una de sus poblaciones se encuentra en un distrito de manejo integrado, estos espacios están expuestos a amenazas como la ampliación de la frontera agrícola, el pastoreo de ganado y el uso del recurso forestal maderable.

Conservation Actions (see Appendix for additional information)

Uno de sus registros se encuentra en área protegida. La especie se encuentra enmarcada en la Resolución 0213 de 1977 que veda su uso y comercialización. Sin embargo, 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): Moncada, B., Simijaca, D., 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.

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Citation

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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
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.2. Small-holder farming	Ongoing	-	-
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.2. Small-holder grazing, ranching or farming	Ongoing	-	-
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.3. Unintentional effects: (subsistence/small scale) [harvest]	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 area of occupancy (AOO) (km ²): 8
Number of Locations: 2
Lower elevation limit (m): 3,083
Upper elevation limit (m): 3,083
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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