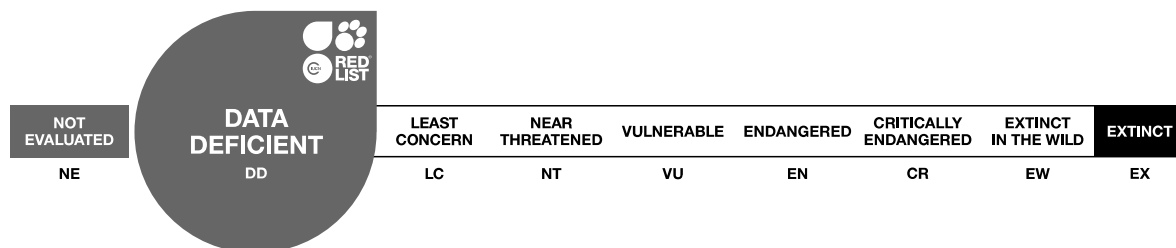


Architrypethelium columbianum

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



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Taxonomy

Kingdom	Phylum	Class	Order	Family
Fungi	Ascomycota	Dothideomycetes	Trypetheliales	Trypetheliaceae

Scientific Name: *Architrypethelium columbianum* (Nyl.) Aptroot & Lücking

Synonym(s):

- *Trypethelium columbianum* Nyl.

Taxonomic Source(s):

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

Identification Information:

Liquen costroso epífito de cortezas lisas a rugosas, con talo corticado gris a verde oliva, con estructuras reproductivas agrupadas y ostiolas apicales y solitarios, cubiertos por una capa de talo marrón. Hamatecio insperso y ascas con 2 a 4 esporas elipsoides y 3 septadas.

Assessment Information

Red List Category & Criteria: Data Deficient [ver 3.1](#)

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

Esta especie se considera como Datos Insuficientes (DD) debido a que no hay datos ni información sobre su población, hábitats y ecología, ni las amenazas que podrían estar afectándola. La especie se referenció en el sitio "Rio Negro" para el cual no se cuenta con una ubicación precisa debido a que la colección referencia la "Nueva Granada". El protologo de la especie menciona una colección en Piedecuesta (Santander), no obstante, esta no fue incluida en la revisión más reciente de la especie (Aptroot y Lücking 2016).

Geographic Range

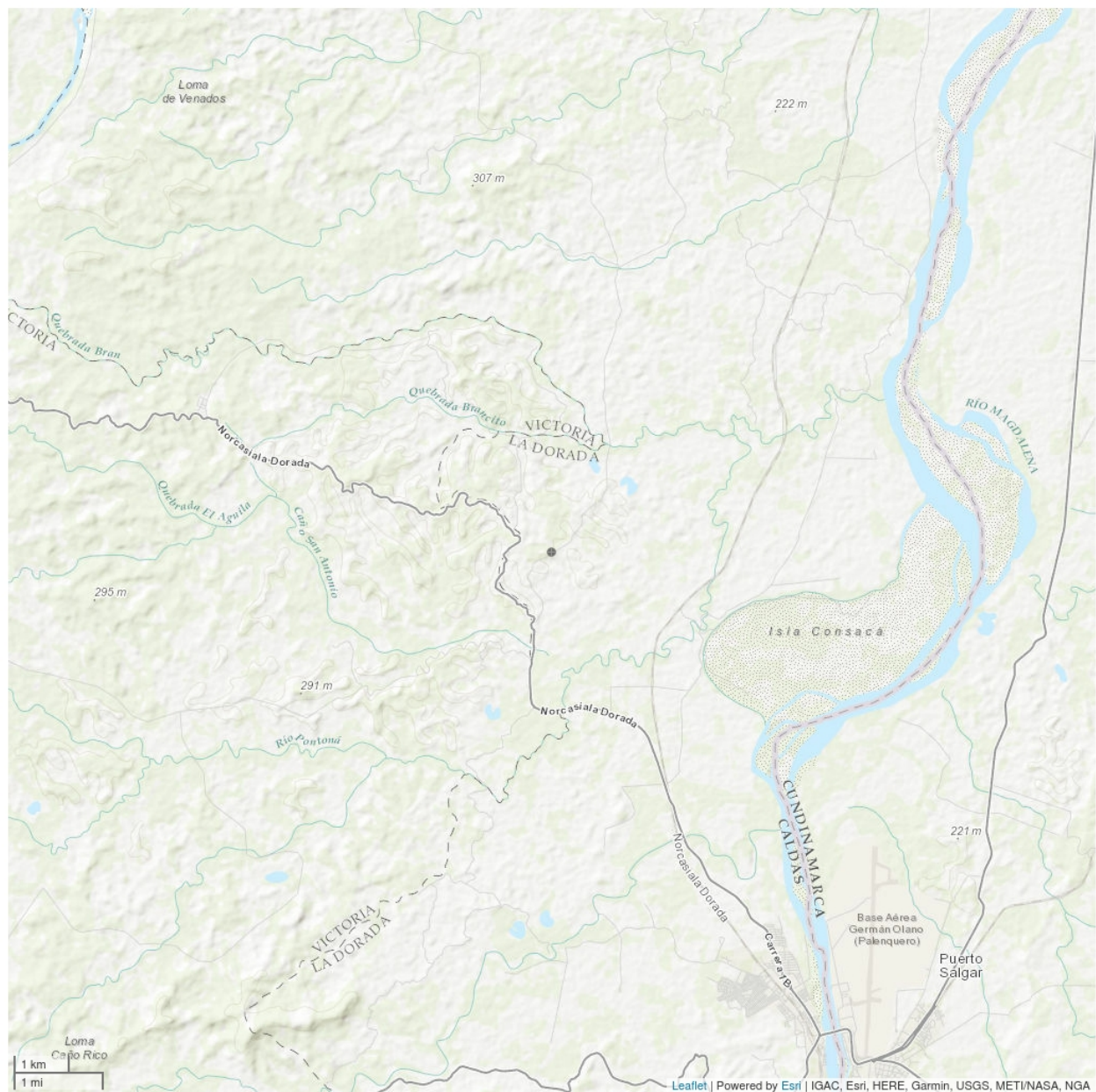
Range Description:

Se distribuye en Colombia en los enclaves secos del departamento de Santander, con un solo registro en "Rio Negro".

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

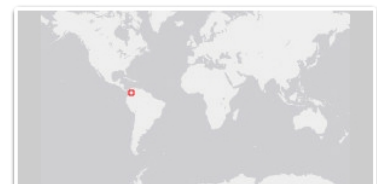


Legend

 PRESENCE UNCERTAIN

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 enclaves xerofitos, crece como elemento epífita de arboles.

Systems: Terrestrial

Use and Trade (see Appendix for additional information)

No se han reportado usos para la especie.

Threats

Amenazas desconocidas.

Conservation Actions (see Appendix for additional information)

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, que permitan establecer posibles localidades adicionales y explorar con mayor precisión las características de su hábitat.

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.

Bibliography

Alexander von Humboldt Biological Resources Research Institute. 2019. Catalogador de Información Biológica - IAvH. Available at: http://i2d.humboldt.org.co/ceiba/resource.do?r=rrbb_liquenes_2019. (Accessed: 2019).

Aptroot, A. and Lücking, R. 2016. A revisionary synopsis of the Trypetheliaceae (Ascomycota: Trypetheliales). *The Lichenologist* 48(6): 763-982.

IUCN. 2023. The IUCN Red List of Threatened Species. Version 2023-1. Available at: www.iucnredlist.org. (Accessed: 11 December 2023).

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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?
18. Unknown	-	-	-

Plant and Fungal growth forms

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

Plant and Fungal growth forms
LC. Lichen

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: No
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
1. Land/water protection -> 1.1. Site/area protection	-
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	-
2. Conservation Planning -> 2.2. Area-based Management Plan	-

Research Needed	Notes
3. Monitoring -> 3.1. Population trends	-
3. Monitoring -> 3.4. Habitat trends	-

Additional Data Fields

Population
Population severely fragmented: Unknown
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Unknown

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