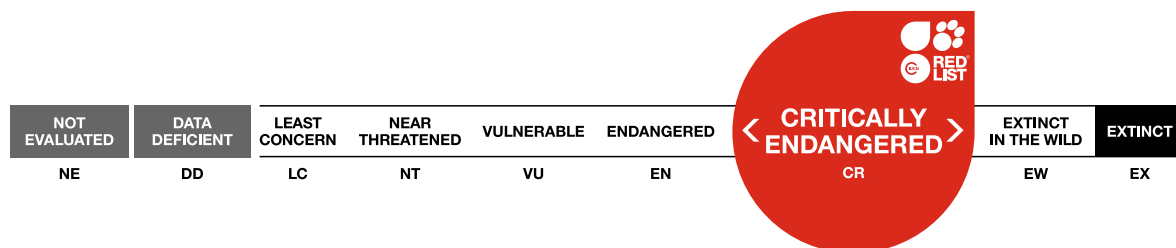


Gyalideopsis chicaque

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	Ascomycota	Lecanoromycetes	Ostropales	Gomphillaceae

Scientific Name: *Gyalideopsis chicaque* Moncada & Lücking

Taxonomic Source(s):

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

Identification Information:

Liquen costroso, que crece en sustrato terrestre, con el talo muy adherido al suelo y de color grisáceo a verde oscuro. Apotecios aplanados de color marrón y con esporas submuriformes (Lumbsch, et al. 2011).

Assessment Information

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

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

La especie cuenta con un solo registro conocido para bosques de *Quercus humboldtii* en bosques cercanos a Bogotá y presenta un área de ocupación pequeña (AOO= 4 km²), para la cual se establece una localidad que ha sido fuertemente afectada por el uso del recurso maderable y la ampliación de la frontera urbana, agrícola y pecuaria. Por lo tanto, la especie se categoriza como En Peligro Crítico (CR).

Geographic Range

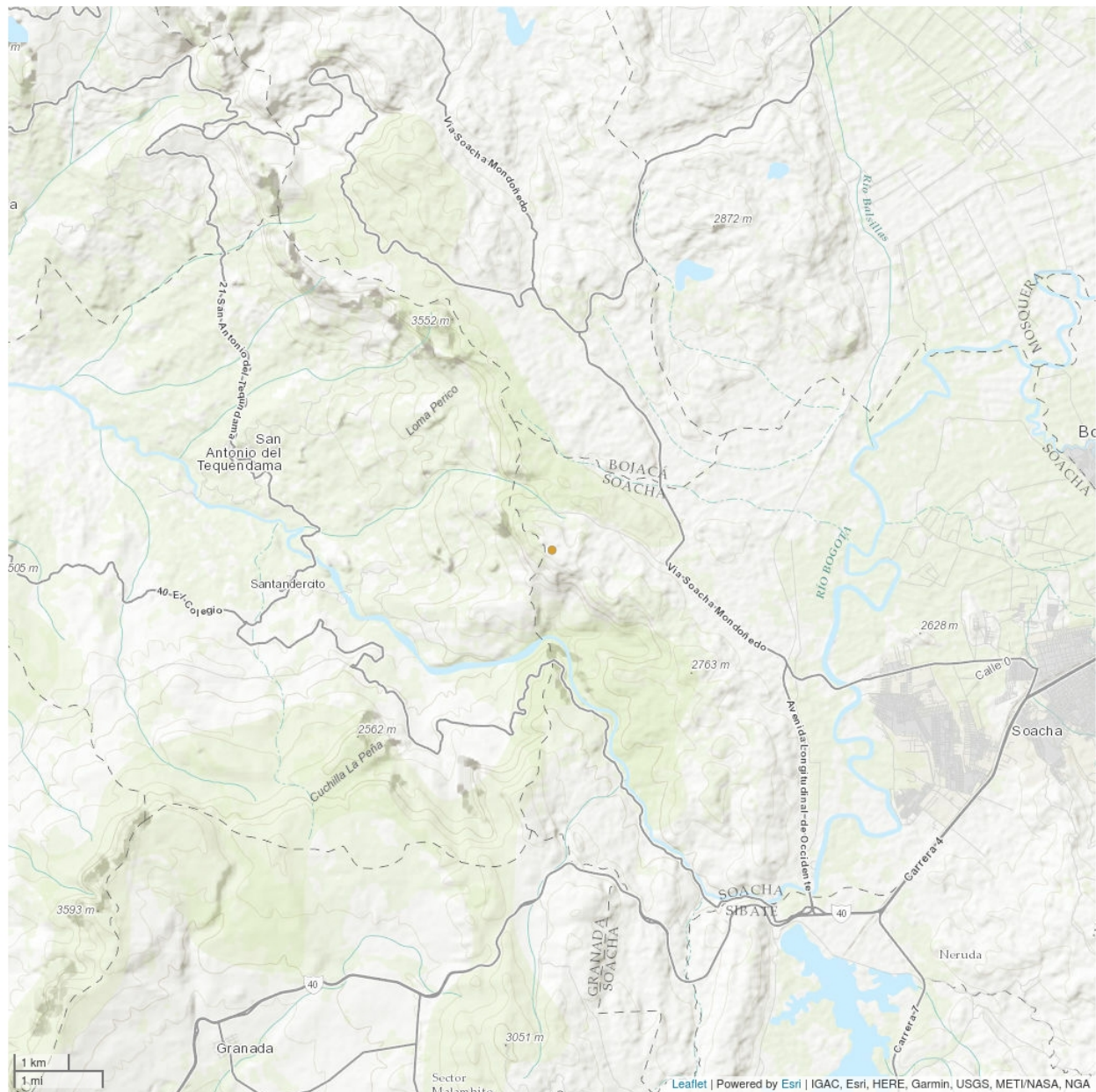
Range Description:

Se encuentra en Colombia en bosques pluviales montanos del departamento de Cundinamarca, con un único registro en el municipio de Soacha.

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

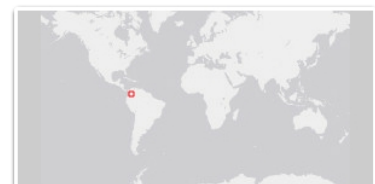
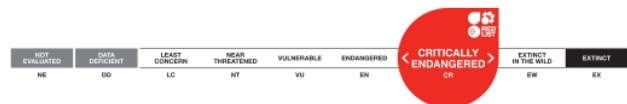


Legend

■ 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 bosques conservados y perturbados del bosque pluvial montano, crece sobre suelo compacto.

Systems: Terrestrial

Use and Trade (see Appendix for additional information)

No se han reportado usos para la especie.

Threats (see Appendix for additional information)

Las principales amenazas de la especie son, la ampliación de la frontera agrícola, el pastoreo de ganado vacuno, el uso del recurso maderable y la operación de líneas de servicio para la interconexión eléctrica.

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_liques_2019. (Accessed: 2019).

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

Lumbsch, H.T., Ahti, T., Altermann, S., Amo De Paz, G., Aptroot, A., Arup, U., Pena, A.B., Bawingan, P.A., Benatti, M.N., Betancourt, L., Bjork, C.R., Boonpragob, K., Brand, M., Bungartz, F., Caceres, M.E.S., Candan, M., Chaves, J.L., Clerc, P., Common, R., Coppins, B.J., Crespo, A., Dal-Forno, M., Divakar, P.K., Duya, M.V., Elix, J.A., Elvebakk, A., Fankhauser, J.D., Farkas, E., Ferraro, L.I., Fischer, E., Galloway, D.J., Gaya, E., Giralt, M., Goward, T., Grube, M., Hafellner, J., Hernandez, J.E., Campos, M.D.H., Kalb, K., Karnefelt, I., Kantvilas, G., Killmann, D., Kirika, P., Knudsen, K., Komposch, H., Kondratyuk, S., Lawrey, J.D., Mangold, A., Marcelli, M.P., Mccune, B., Messuti, M.I., Michlig, A., Gonzalez, R.M., Moncada, B., Naikatini, A., Nelsen, M.P., Ovstedal, D.O., Palice, Z., Papong, K., Parnmen, S., Perez-Ortega, S., Printzen, C., Rico, V.J., Plata, E.R., Robayo, J., Rosabal, D., Ruprecht, U., Allen, N.S., Sancho, L., De Jesus, L.S., Vieira, T.S., Schultz, M., Seaward, M.R.D., Serusiaux, E., Schmitt, I., Sipman, H.J.M., Sohrabi, M., Sochting, U., Sogaard, M.Z., Sparrius, L.B., Spielmann, A., Spribille, T., Sutjaritturakan, J., Thammathaworn, A., Thell, A., Thor, G., Thus, H., Timdal, E., Truong, C., Turk, R., Tenorio, L.U., Upreti, D.K., Van den Boom, P., Rebuelta, M.V., Wedin, M., Will-Wolf, S., Wirth, V., Wirtz, N., Yahr, R., Yeshitela, K., Ziemmeck, F., Wheeler, T. and Lucking, R. 2011. One hundred new species of lichenized fungi: a signature of undiscovered global diversity. *Phytotaxa* 18: 1-127.

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?
1. Forest -> 1.9. Forest - Subtropical/Tropical Moist Montane	-	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 -> 2.1.1. Shifting agriculture	Ongoing	Unknown	Unknown
Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion		
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.2. Small-holder grazing, ranching or farming	Ongoing	Unknown	Unknown
Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion		
4. Transportation & service corridors -> 4.2. Utility & service lines	Ongoing	-	-
5. Biological resource use -> 5.3. Logging & wood harvesting -> 5.3.3. Unintentional effects: (subsistence/small scale) [harvest]	Ongoing	Unknown	Unknown
Stresses:	1. Ecosystem stresses -> 1.1. Ecosystem conversion 1. Ecosystem stresses -> 1.2. Ecosystem degradation		

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	-
3. Monitoring -> 3.1. Population trends	-
3. Monitoring -> 3.4. Habitat trends	-

Additional Data Fields

Distribution
Estimated area of occupancy (AOO) (km ²): 4
Number of Locations: 1
Lower elevation limit (m): 2,300
Upper elevation limit (m): 2,300
Population
Population severely fragmented: Unknown
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

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