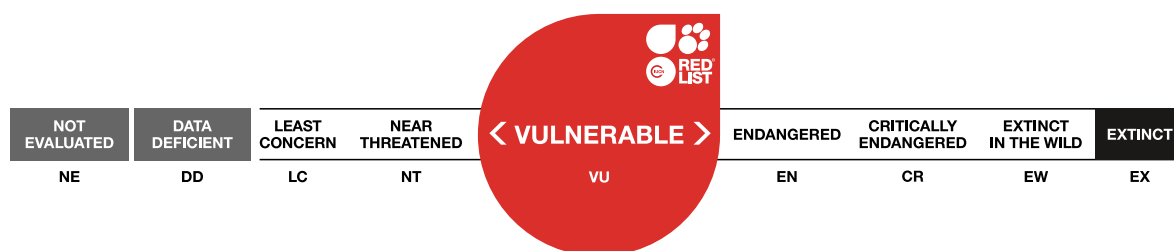


Sticta tunjensis

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



View on www.iucnredlist.org

Citation: Moncada, B., Simijaca, D., Soto-Medina, E., Coca, L.F. & Jaramillo, M. 2023. *Sticta tunjensis*. The IUCN Red List of Threatened Species 2023: e.T180148415A180166810.
<https://dx.doi.org/10.2305/IUCN.UK.2023-1.RLTS.T180148415A180166810.es>

Copyright: © 2023 International Union for Conservation of Nature and Natural Resources

Reproduction of this publication for educational or other non-commercial purposes is authorized without prior written permission from the copyright holder provided the source is fully acknowledged.

Reproduction of this publication for resale, reposting or other commercial purposes is prohibited without prior written permission from the copyright holder. For further details see [Terms of Use](#).

The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#). The IUCN Red List Partners are: [ABQ BioPark](#); [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [Missouri Botanical Garden](#); [NatureServe](#); [Re:wild](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).

If you see any errors or have any questions or suggestions on what is shown in this document, please provide us with [feedback](#) so that we can correct or extend the information provided.

Taxonomy

Kingdom	Phylum	Class	Order	Family
Fungi	Ascomycota	Lecanoromycetes	Peltigerales	Lobariaceae

Scientific Name: *Sticta tunjensis* Moncada & Lücking

Taxonomic Source(s):

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

Identification Information:

Liquen folioso principalmente epífito, pero crece en otros sustratos. Lóbulos planos a canaliculados, lineares a flabelados, con ápices redondeados. Superficie superior grisácea y con isidios marginales. Superficie inferior con tomento y cífelas blancas. Márgenes tomentosos (Moncada and Lücking, 2012).

Assessment Information

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

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

Esta especie presenta un EOO = 8.860 km², se reconoce en cinco localidades, con el 50% de los registros en áreas protegidas. Sin embargo, se reconoce que las actividades agrícolas, el pastoreo de ganado y el uso de recurso maderable disminuyen la calidad del hábitat. Por lo anterior, la especie se lista como Vulnerable (VU).

Geographic Range

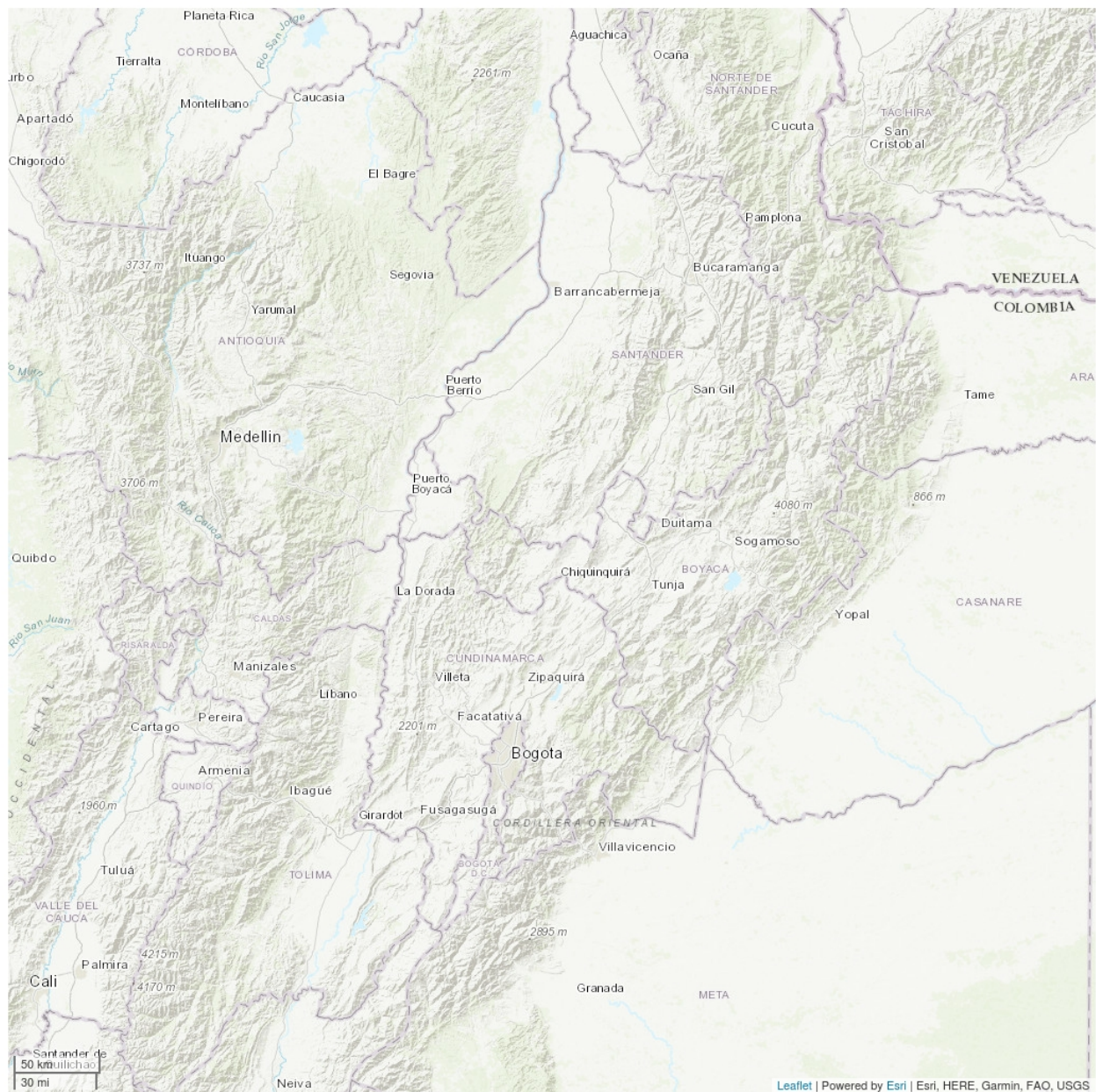
Range Description:

Se distribuye en Colombia en los departamentos de Boyacá y Santander.

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

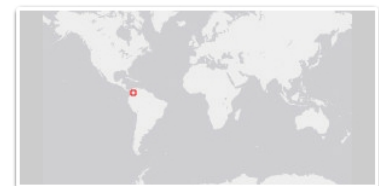


Legend

■ 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 presenta en bosques de la zona de vida subandina y andina, asociado a briofitos, como elemento epífito de los árboles o en otros sustratos.

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 urbana y agrícola, el pastoreo de ganado vacuno y el uso del recurso maderable.

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 sugieren investigaciones relacionadas con la historia de vida y ecología de la especie, así como la tendencia de sus poblaciones y sus hábitats, para establecer estrategias de manejo en las localidades donde la especie se ve mayormente afectada por las amenazas.

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).

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

Moncada, B. and Lücking, R. 2012. Ten new species of *Sticta* and counting: Colombia as a hot spot for unrecognized diversification in a conspicuous macrolichen genus. *Phytotaxa* 74: 1-29.

Citation

Moncada, B., Simijaca, D., Soto-Medina, E., Coca, L.F. & Jaramillo, M. 2023. *Sticta tunjensis*. *The IUCN Red List of Threatened Species* 2023: e.T180148415A180166810.
<https://dx.doi.org/10.2305/IUCN.UK.2023-1.RLTS.T180148415A180166810.es>

Disclaimer

To make use of this information, please check the [Terms of Use](#).

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
1. Residential & commercial development -> 1.1. Housing & urban areas	Ongoing	-	-
2. Agriculture & aquaculture -> 2.1. Annual & perennial non-timber crops -> 2.1.2. Small-holder farming	Ongoing	Unknown	Unknown
2. Agriculture & aquaculture -> 2.3. Livestock farming & ranching -> 2.3.2. Small-holder grazing, ranching or farming	Ongoing	Unknown	Unknown
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: 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): 8860
Number of Locations: 5
Lower elevation limit (m): 3,035
Upper elevation limit (m): 3,800
Population
Population severely fragmented: Unknown
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: Yes

The IUCN Red List Partnership



The IUCN Red List of Threatened Species™ is produced and managed by the [IUCN Global Species Programme](#), the [IUCN Species Survival Commission \(SSC\)](#) and [The IUCN Red List Partnership](#).

The IUCN Red List Partners are: [ABQ BioPark](#); [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [Missouri Botanical Garden](#); [NatureServe](#); [Re:wild](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).