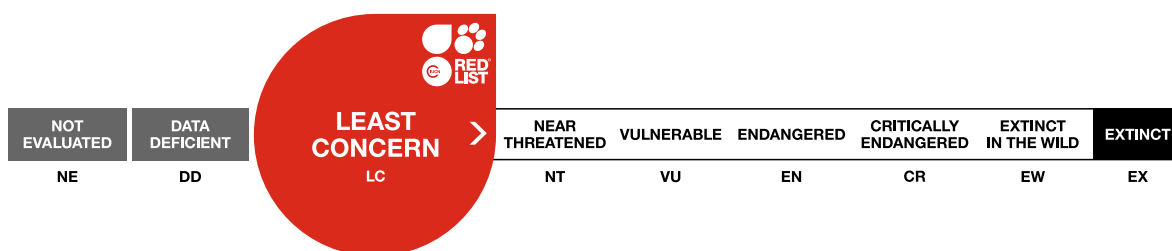


Sticta minutula

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	Peltigerales	Lobariaceae

Scientific Name: *Sticta minutula* Moncada, A. Suárez & Lücking

Taxonomic Source(s):

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

Identification Information:

Liquen folioso, epífito de lóbulos redondeados, verde azulado a marrón, con la superficie superior costillada y con depresiones, con apotecios marginales escasos y con isidios cilíndricos en la lamina. Superficie inferior con tomento y cifelas blancas y amplias.

Assessment Information

Red List Category & Criteria: Least Concern [ver 3.1](#)

Year Published: 2023

Date Assessed: November 26, 2019

Justification:

La especie tiene una EOO de 71.371 km² que denota una amplia distribución, además el 55.6 % de sus registros están en áreas protegidas. Presenta algunas amenazas como pastoreo, agricultura, uso del recurso maderable, sin embargo estas no afectan significativamente las subpoblaciones. Por lo tanto, se categoriza como Preocupación Menor (LC).

Geographic Range

Range Description:

Ampliamente distribuido en Colombia en las Cordilleras Oriental y Occidental, en departamentos como Boyacá, Cauca, Cundinamarca, Nariño y Norte de Santander.

Country Occurrence:

Native, Extant (resident): Colombia

Distribution Map

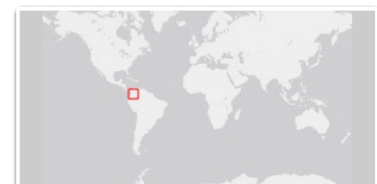
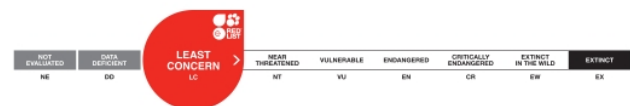


Legend

■ 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 encuentra desde la zona subandina hasta el páramo, en sitios conservados, como elemento epífita de los árboles.

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 deforestación y la apertura de claros para agricultura, pastoreo o ampliación urbana, a demás de la tala de sustratos para subsistencia y uso comomaterial para cocina y producción de fuego; no obstante, no se considera que afecten significativamente a las subpoblaciones de la especie.

Conservation Actions (see Appendix for additional information)

Algunos 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): 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., Suárez, A. and Lücking, R. 2015. Nueve especies nuevas del género *Sticta* (Ascomycota liquenizados: Lobariaceae) del morfotipo fuliginosa *sensu lato* de Colombia. *Revista de la Academia Colombiana de Ciencias Exactas Físicas y Naturales* 39: 50-66.

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	-
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 -> 2.1.2. 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	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): 71351
Lower elevation limit (m): 1,934
Upper elevation limit (m): 3,350
Population
Population severely fragmented: Unknown
Habitats and Ecology
Continuing decline in area, extent and/or quality of habitat: No

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