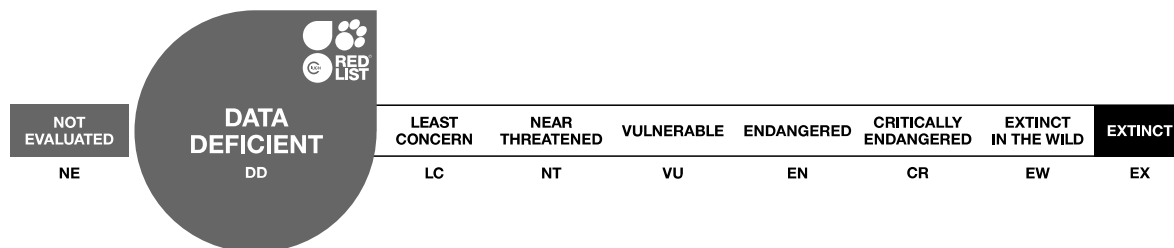


Samariscus leopardus

Assessment by: Munroe, T.A., Weerts, S.P. & Nair, R.



View on www.iucnredlist.org

Citation: Munroe, T.A., Weerts, S.P. & Nair, R. 2020. *Samariscus leopardus*. *The IUCN Red List of Threatened Species* 2020: e.T158672829A158674107. <https://dx.doi.org/10.2305/IUCN.UK.2020-1.RLTS.T158672829A158674107.en>

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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
Animalia	Chordata	Actinopterygii	Pleuronectiformes	Samaridae

Scientific Name: *Samariscus leopardus* Voronina, 2009

Taxonomic Source(s):

Fricke, R., Eschmeyer, W.N. and Van der Laan, R. (eds). 2019. Eschmeyer's Catalog of Fishes: genera, species, references. Updated 03 September 2019. Available at: <http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>.

Taxonomic Notes:

The taxonomy of the species in the genera *Samaris* and *Samariscus* is still in need of further work.

Assessment Information

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

Year Published: 2020

Date Assessed: August 12, 2019

Justification:

This small-sized flatfish is known only from the holotype taken from the Saya de Mahla bank in 159 m. No information is available regarding its distribution, population size or trends, and potential threats. Therefore, it is listed as Data Deficient.

Geographic Range

Range Description:

This species is known only from its type locality in Saya de Malha Bank (11°22' S, 61°42' E) from a depth of 159 metres (Voronina 2009).

Country Occurrence:

Native, Extant (resident): Mauritius (Mauritius (main island))

FAO Marine Fishing Areas:

Native: Indian Ocean - western

Distribution Map

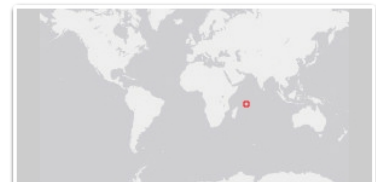
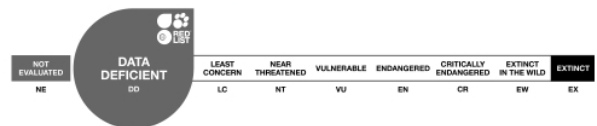


Legend

EXTANT (RESIDENT)

Compiled by:

IUCN Marine Biodiversity Unit/GMSA 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

This species is known only from its holotype; therefore, its population status is unknown.

Current Population Trend: Unknown

Habitat and Ecology (see Appendix for additional information)

This marine, demersal species is data poor and information relating to its habitat, ecology and life history is limited. The holotype measured 12.2 cm standard length (Voronina 2009).

Systems: Marine

Use and Trade (see Appendix for additional information)

This species is not utilized.

Threats

Threats to this species are unknown.

Conservation Actions

No species-specific conservation measures are in place.

Credits

Assessor(s): Munroe, T.A., Weerts, S.P. & Nair, R.

Reviewer(s): Bullock, R.W.

**Facilitator(s) and
Compiler(s):** Ralph, G.

Bibliography

IUCN. 2020. The IUCN Red List of Threatened Species. Version 2020-1. Available at: www.iucnredlist.org. (Accessed: 19 March 2020).

Voronina, E.P. 2009. New species of righteye flounder *Samariscus leopardus* sp. nov. (Samaridae Pleuronectiformes) from the Saya de Malha Bank (Indian Ocean). *Journal of Ichthyology* 49(8): 575-584.

Citation

Munroe, T.A., Weerts, S.P. & Nair, R. 2020. *Samariscus leopardus*. *The IUCN Red List of Threatened Species* 2020: e.T158672829A158674107. <https://dx.doi.org/10.2305/IUCN.UK.2020-1.RLTS.T158672829A158674107.en>

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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?
9. Marine Neritic -> 9.5. Marine Neritic - Subtidal Sandy-Mud	Resident	Suitable	Yes

Research Needed

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

Research Needed
1. Research -> 1.1. Taxonomy
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.5. Threats

Additional Data Fields

Distribution
Lower depth limit (m): 159

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