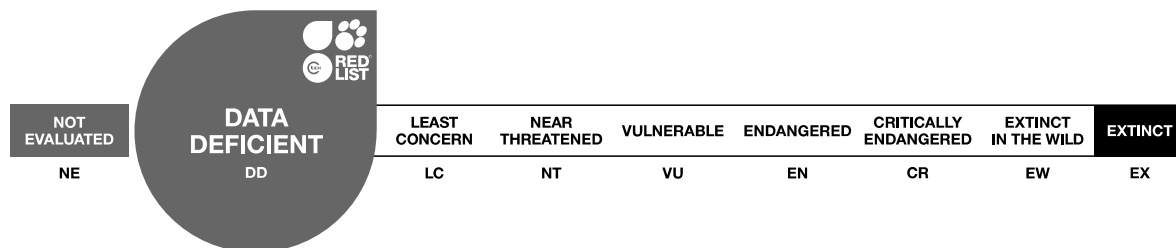


## *Soleichthys tubiferus*

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



View on [www.iucnredlist.org](http://www.iucnredlist.org)

**Citation:** Munroe, T.A., Nair, R. & Weerts, S.P. 2020. *Soleichthys tubiferus*. *The IUCN Red List of Threatened Species* 2020: e.T123503861A123517900. <https://dx.doi.org/10.2305/IUCN.UK.2020-1.RLTS.T123503861A123517900.en>

**Copyright:** © 2020 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: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [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
Animalia	Chordata	Actinopterygii	Pleuronectiformes	Soleidae

**Scientific Name:** *Soleichthys tubiferus* (Peters, 1876)

### Synonym(s):

- *Solea tubifera* Peters, 1876

### Taxonomic Source(s):

Eschmeyer, W.N., Fricke, R., and Ven der Laan, R. (eds.). 2017. Catalog of Fishes: genera, species, references. Updated 01 December 2017. Available at: <http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>.

## Assessment Information

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

**Year Published:** 2020

**Date Assessed:** August 13, 2019

### Justification:

This small-sized flatfish is known from few specimens collected from the western Mascarenes. It is generally found in nearshore, soft-bottom habitats associated with coral reefs. At Reunion, it has been considered rare with probable declines due to human activities; given the lack of specimens, there is no way of knowing population trends for this species. As habitat information and specific threat information are not available, this species is listed as Data Deficient. Research is needed to determine its geographic distribution and habitat requirements; these data are necessary to help determine the potential impacts of anthropogenic threats.

## Geographic Range

### Range Description:

*Soleichthys tubiferus* is known from Réunion and Mauritius (Letourneur *et al.* 2004, Randall and Munroe 2008, Fricke *et al.* 2009). It has also been reported from Viet Nam (Voronina *et al.* 2016), but this requires verification.

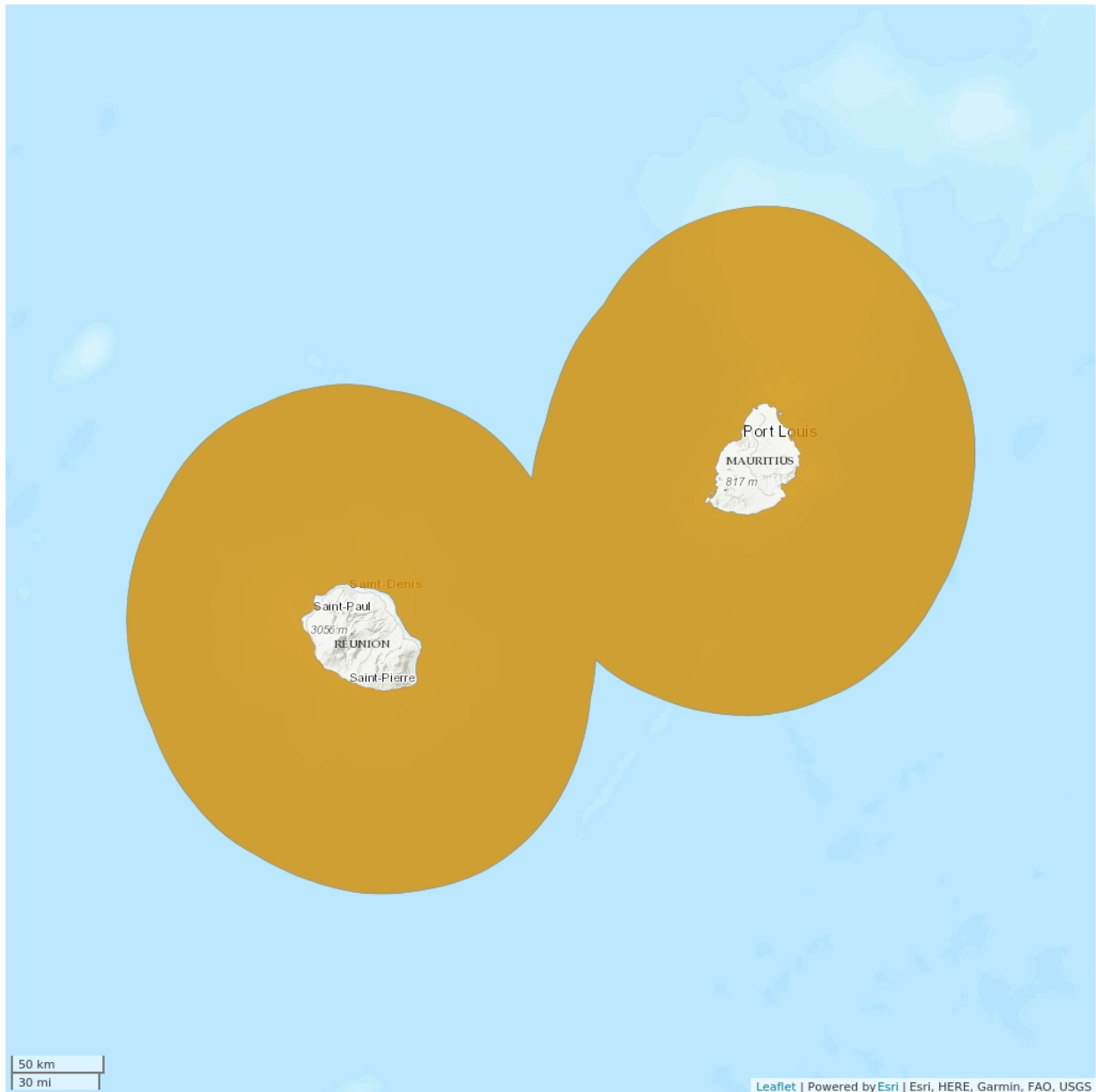
### Country Occurrence:

**Native, Extant (resident):** Mauritius (Mauritius (main island)); Réunion

### FAO Marine Fishing Areas:

**Native:** Indian Ocean - western

# Distribution Map

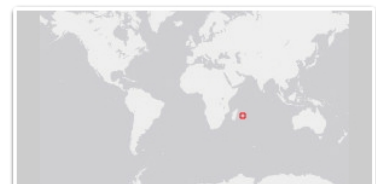
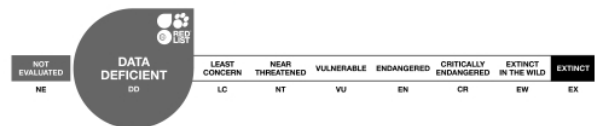


## Legend

■ 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

Population data are limited. It is considered rare in Réunion (Fricke *et al.* 2009).

**Current Population Trend:** Unknown

## Habitat and Ecology (see Appendix for additional information)

This is a demersal, marine species that inhabits the soft substrates of coastal bays (Letourneur *et al.* 2004, Fricke *et al.* 2009, Voronina *et al.* 2016).

**Systems:** Marine

## Use and Trade (see Appendix for additional information)

No use and trade information.

## Threats

This species is considered sensitive to fishing and various anthropogenic pressures such as eutrophication and pollution in Réunion (Fricke *et al.* 2009).

## Conservation Actions (see Appendix for additional information)

There are no known species-specific conservation measures; however, its range overlaps with a number of marine protected areas such as Balaclava Marine Park, Mauritius and Hon Cau-Vinh Hao, Vietnam (IUCN and UNEP-WCMC 2018).

## Credits

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

**Reviewer(s):** Bullock, R.W.

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

## Bibliography

Fricke, R., Mulochau, T., Durville, P., Chabanet, P., Tessier, E. and Letourneur, Y. 2009. Annotated checklist of the fish species (Pisces) of La Réunion, including a Red List of threatened and declining species. *Stuttgarter Beiträge zur Naturkunde*: 1–168.

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

IUCN and UNEP-WCMC. 2018. The World Database on Protected Areas (WDPA). Cambridge, U.K. Available at: [www.protectedplanet.net](http://www.protectedplanet.net).

Letourneur, Y., Chabanet, P., Durville, P., Taquet, M., Teissier, E., Parmentier, M., Quéro, J.-C. and Pothin, K. 2004. An updated checklist of the marine fish fauna of Reunion Island, south-western Indian Ocean. *Cybium* 28(3): 199-216.

Randall, J.E. and Munroe, T.A. 2008. *Soleichthys dori*, a new sole (Pleuronectiformes: Soleidae) from the Red Sea. *Journal of Ichthyology* 2: 76-84.

Voronina, E.P., Prokofiev, A.M. and Prirodina, V.P. 2016. Review of the flatfishes of Vietnam in the collection of Zoological Institute, Saint Petersburg. *Proceedings of the Zoological Institute* 320(4): 381-430.

## Citation

Munroe, T.A., Nair, R. & Weerts, S.P. 2020. *Soleichthys tubiferus*. *The IUCN Red List of Threatened Species* 2020: e.T123503861A123517900. <https://dx.doi.org/10.2305/IUCN.UK.2020-1.RLTS.T123503861A123517900.en>

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

## 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

## 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: [Arizona State University](#); [BirdLife International](#); [Botanic Gardens Conservation International](#); [Conservation International](#); [NatureServe](#); [Royal Botanic Gardens, Kew](#); [Sapienza University of Rome](#); [Texas A&M University](#); and [Zoological Society of London](#).