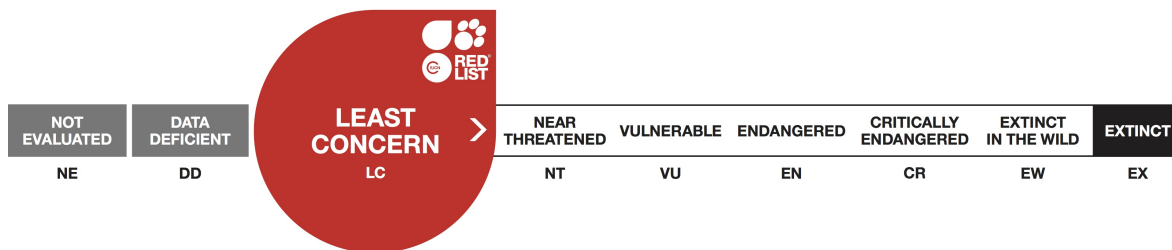


## *Planonasmus parini*, Dwarf False Catshark

Assessment by: Ebert, D.A., Akhilesh, K.V., Grandcourt, E. & Khan, M.



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

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## Taxonomy

Kingdom	Phylum	Class	Order	Family
Animalia	Chordata	Chondrichthyes	Carcharhiniformes	Pseudotriakidae

**Taxon Name:** *Planonasus parini* Weigmann, Stehmann & Theil, 2013

### Common Name(s):

- English: Dwarf False Catshark

### Taxonomic Source(s):

Weigmann, S. 2016. Annotated checklist of the living sharks, batoids and chimaeras (Chondrichthyes) of the world, with a focus on biogeographical diversity. *Journal of Fish Biology* 88(3): 837-1037.

## Assessment Information

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

**Year Published:** 2017

**Date Assessed:** February 9, 2017

### Justification:

The Dwarf False Catshark (*Planonasus parini*) is endemic to the Arabian Seas region, where it is known from only three specimens taken off Socotra Island, Yemen. It occurs at depths beyond any current fisheries (560-1,120 m). The only known specimens of this species were taken on survey trawls in the late 1980s and no additional specimens of this species are known. It appears to occur in very deep water, beyond normal fishing operations, and there are no other known threats. Therefore it is assessed as Least Concern, although further information is required on its distribution and biology.

## Geographic Range

### Range Description:

The Dwarf False Catshark is endemic to the Arabian Seas region, where it is known from only three specimens from off Socotra Island, Yemen (Weigmann *et al.* 2013).

### Country Occurrence:

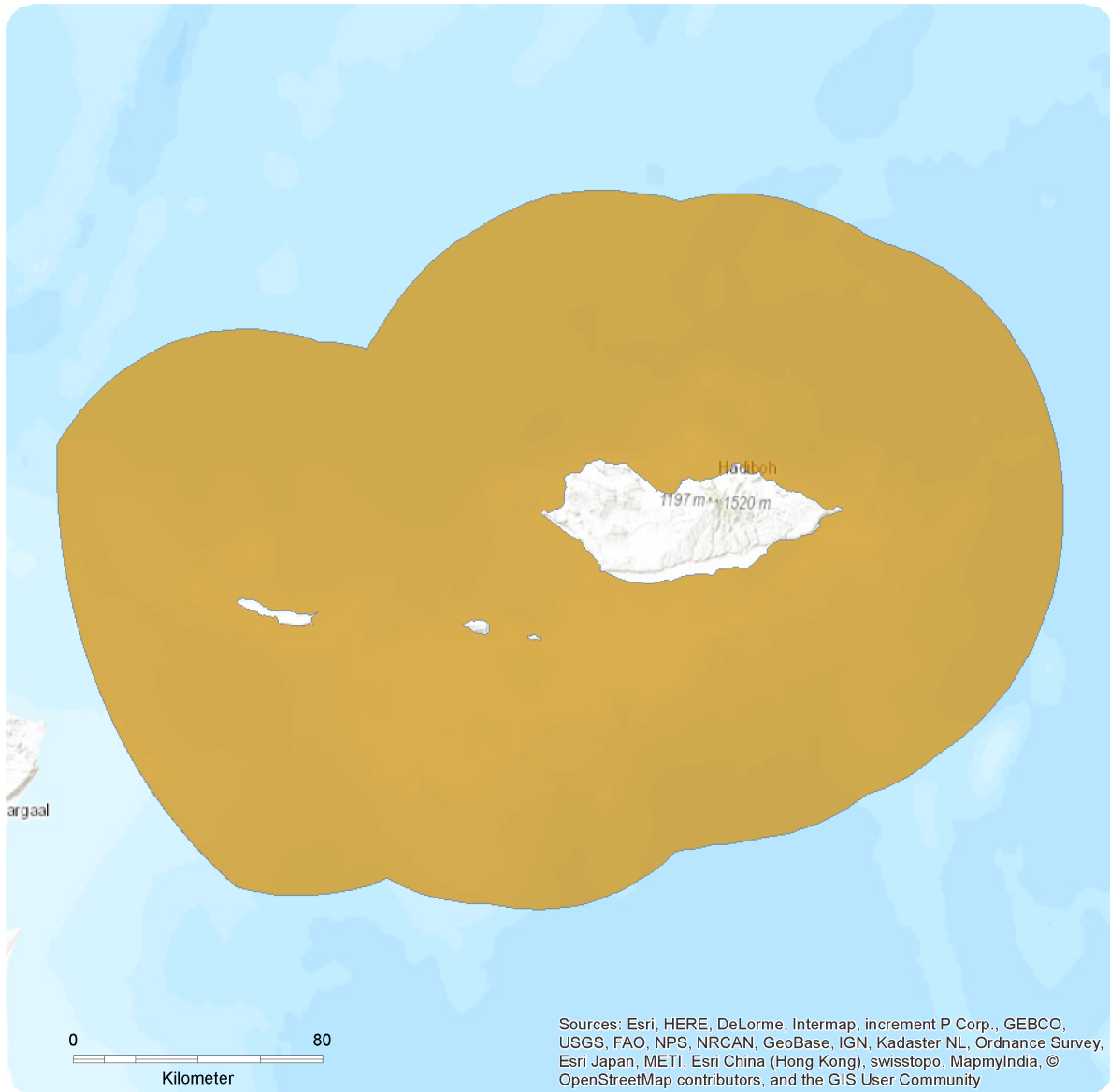
**Native:** Yemen (Socotra)

### FAO Marine Fishing Areas:

**Native:** Indian Ocean - western

# Distribution Map

*Planonasmus parini*



## Range

Extant (resident)

## Compiled by:

IUCN SSC Shark Specialist Group



The boundaries and names shown and the designations used on this map do not imply any official endorsement, acceptance or opinion by IUCN.



## Population

It is currently known from only three specimens and nothing is known of population size or structure.

**Current Population Trend:** Unknown

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

The Dwarf False Catshark occurs in deep-water at depths of 560-1,120 m. The maximum size is unknown; the largest specimen of 53 cm total length was an immature female (Weigmann *et al.* 2013).

**Systems:** Marine

## Use and Trade

No utilization or commercial trade of this species is currently known to exist.

## Threats (see Appendix for additional information)

It is unlikely to interact with fisheries as there are currently no deep-water fisheries around Socotra Island, Yemen.

## Conservation Actions (see Appendix for additional information)

There are currently no conservation actions in place that might benefit this species in the waters it which it occurs. Research is required on this species' biology, abundance and distribution to further assess status and any future conservation needs.

## Credits

**Assessor(s):** Ebert, D.A., Akhilesh, K.V., Grandcourt, E. & Khan, M.

**Reviewer(s):** Jabado, R., Kyne, P.M. & Pollom, R.

**Facilitators(s) and  
Compiler(s):** Jabado, R., Kyne, P.M.

## Bibliography

IUCN. 2017. The IUCN Red List of Threatened Species. Version 2017-2. Available at: [www.iucnredlist.org](http://www.iucnredlist.org). (Accessed: 14 September 2017).

Weigmann, S., Stehmann, M.F.W. and Theil, R. 2013. *Planonasmus parini* n. g. and n. sp., a new genus and species of false cat sharks (Carchariniformes, Pseudotriakidae) from the deep northwestern Indian Ocean off Socotra Islands. *Zootaxa* 3609(2): 163-181. <http://dx.doi.org/10.11646/zootaxa.3609.2.3>.

## Citation

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## External Resources

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?
11. Marine Deep Benthic -> 11.1. Marine Deep Benthic - Continental Slope/Bathyl Zone (200-4,000m) -> 11.1.1. Hard Substrate	Resident	Suitable	Yes
11. Marine Deep Benthic -> 11.1. Marine Deep Benthic - Continental Slope/Bathyl Zone (200-4,000m) -> 11.1.2. Soft Substrate	Resident	Suitable	Yes

### Threats

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

Threat	Timing	Scope	Severity	Impact Score
5. Biological resource use -> 5.4. Fishing & harvesting aquatic resources -> 5.4.2. Intentional use: (large scale) [harvest]	Future	Unknown	Unknown	Unknown
	Stresses:	2. Species Stresses -> 2.1. Species mortality		
5. Biological resource use -> 5.4. Fishing & harvesting aquatic resources -> 5.4.4. Unintentional effects: (large scale) [harvest]	Future	Unknown	Unknown	Unknown
	Stresses:	2. Species Stresses -> 2.1. Species mortality		

### Conservation Actions in Place

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

Conservation Actions in Place
In-Place Research, Monitoring and Planning
Action Recovery plan: No
Systematic monitoring scheme: No
In-Place Land/Water Protection and Management
Conservation sites identified: No
Occur in at least one PA: Unknown
Area based regional management plan: No
Invasive species control or prevention: Not Applicable
In-Place Species Management
Harvest management plan: No

<b>Conservation Actions in Place</b>
Successfully reintroduced or introduced benignly: No
Subject to ex-situ conservation: No
In-Place Education
Subject to recent education and awareness programmes: No
Included in international legislation: No
Subject to any international management/trade controls: No

## Conservation Actions Needed

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

<b>Conservation Actions Needed</b>
3. Species management -> 3.1. Species management -> 3.1.1. Harvest management
4. Education & awareness -> 4.2. Training
4. Education & awareness -> 4.3. Awareness & communications
5. Law & policy -> 5.1. Legislation -> 5.1.2. National level
5. Law & policy -> 5.2. Policies and regulations
5. Law & policy -> 5.4. Compliance and enforcement -> 5.4.2. National level
5. Law & policy -> 5.4. Compliance and enforcement -> 5.4.3. Sub-national level

## Research Needed

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

<b>Research Needed</b>
1. Research -> 1.2. Population size, distribution & trends
1. Research -> 1.3. Life history & ecology
1. Research -> 1.5. Threats
3. Monitoring -> 3.1. Population trends
3. Monitoring -> 3.4. Habitat trends

## Additional Data Fields

<b>Distribution</b>
Continuing decline in area of occupancy (AOO): Unknown
Extreme fluctuations in area of occupancy (AOO): Unknown

<b>Distribution</b>
Continuing decline in extent of occurrence (EOO): Unknown
Extreme fluctuations in extent of occurrence (EOO): Unknown
Continuing decline in number of locations: Unknown
Extreme fluctuations in the number of locations: Unknown
Lower depth limit (m): 1120
Upper depth limit (m): 560
<b>Population</b>
Continuing decline of mature individuals: Unknown
Extreme fluctuations: Unknown
Population severely fragmented: Unknown
Continuing decline in subpopulations: Unknown
Extreme fluctuations in subpopulations: Unknown
All individuals in one subpopulation: Unknown
<b>Habitats and Ecology</b>
Continuing decline in area, extent and/or quality of habitat: Unknown
Movement patterns: Unknown



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