

## Short-tail Catshark, *Parmaturus bigus*

Report Card assessment	Negligible		
IUCN Red List Australian Assessment	Data Deficient (Endemic to Australia)	IUCN Red List Global Assessment	Data Deficient
Assessors	Kyne, P.M., Cavanagh, R.D. & Valenti, S.		
Australian Assessors	Kyne, P.M., Heupel, M.R., White, W.T. & Simpfendorfer, C.A. (Shark Action Plan)		
Report Card Remarks	Known only from a single specimen in area with little fishing.		

### Summary

The Short-tail Catshark is a deepwater catshark known only from a single specimen collected from northeast Australia. There is



little fishing activity in the area it was taken. The species may be a rare endemic with a restricted range. Further specimens and research are required. Therefore, the species is assessed as Data Deficient (IUCN) (Kyne et al. 2021) and Negligible (SAFS) as it rarely, if ever interacts with fisheries.

### Distribution

The Short-tail Catshark specimen was collected from near the Saumarez Plateau, northeast Australia, (Séret and Last 2007).

### Stock structure and status

There is currently no information on population size, structure, or trend for the species.

### Fisheries

This species is unlikely to interact with fisheries in any significant way as there is little fishing activity in the area and depth where the single specimen was caught.

### Habitat and biology

The Short-tail Catshark is a deepwater species, recorded from 590–606 m depth. The adult female specimen was 71 cm total length (TL) (Séret and Last 2007). Nothing is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: at least 71 cm TL
Age and/or size at maturity (50%)	Unknown

**CAAB Code:** 37 015036

**Link to IUCN Page:** <https://www.iucnredlist.org/species/42718/70709684>

**Link to page at Shark References:** <http://www.shark-references.com/species/view/Parmaturus-bigus>

#### References

Kyne, P.M., Heupel, M.R., White, W.T. and Simpfendorfer, C.A. 2021. *The Action Plan for Australian Sharks and Rays 2021*. National Environmental Science Program, Marine Biodiversity Hub, Hobart

Séret, B. and Last, P.R. 2007. Four new species of deep-water catsharks of the genus *Parmaturus* (Carcharhiniformes: Scyliorhinidae) from New Caledonia, Indonesia and Australia. *Zootaxa* 1657: 23–39.