

Cook's Swellshark, *Cephaloscyllium cooki*

Report Card assessment	Negligible		
IUCN Red List Australian Assessment	Data Deficient	IUCN Red List Global Assessment	Data Deficient
Assessors	Kyne, P.M.		
Australian Assessors	Kyne, P.M., Heupel, M.R., White, W.T. & Simpfendorfer, C.A. (Shark Action Plan)		
Report Card Remarks	No information on catches or biology.		

Summary

Cook's Swellshark is a small, poorly-known deepwater catshark, with a restricted range off northern Australia and eastern Indonesia. Nothing is known of its capture in fisheries or biology. It is known from only a handful of specimens. Therefore, the species is assessed as Data Deficient (IUCN) (Kyne et al. 2021) and Negligible (SAFS) because it rarely if ever interacts with fisheries.



Distribution

Cook's Swellshark is restricted to a small area of the Arafura Sea off northern Australia and off Tanimbar Island in eastern Indonesia (Last et al. 2008, Last and Stevens 2009).

Stock structure and status

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

Fisheries

There is no information on threats to the species, including whether it is captured as bycatch in fisheries occurring off northern Australia and eastern Indonesia.

Habitat and biology

Cook's Swellshark is a deepwater benthic catshark recorded from the upper continental slope at depths of 225 to 300 m. Maximum size is at least 30 cm total length (TL) (Last et al. 2008, Last and Stevens 2009). Nothing else is known of the biology of the species.

Longevity and maximum size	Longevity: unknown Max size: at least 30 cm TL
Age and/or size at maturity (50%)	Unknown

CAAB Code: 37 015038

Link to IUCN Page: <https://www.iucnredlist.org/species/174145/68615996>

Link to page at Shark References: <http://www.shark-references.com/species/view/Cephaloscyllium-cooki>

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
- Last, P.R. and Stevens, J.D. 2009. *Sharks and Rays of Australia*. Second Edition. CSIRO Publishing, Collingwood.
- Last, P.R., Séret, B. and White, W.T. 2008. New swellsharks (*Cephaloscyllium*: Scyliorhinidae) from the Indo-Australian region. CSIRO Marine and Atmospheric Research Paper 22: 129–146.