

Pink Lanternshark, *Etmopterus dianthus*

Report Card assessment	Sustainable		
IUCN Red List Australian Assessment	Refer to Global Assessment	IUCN Red List Global Assessment	Least Concern
Assessors	McCormack, C., Tanaka, S. & Kyne, P.		
Report Card Remarks	Small deepwater shark with little fisheries interaction		

Summary

The Pink Lanternshark is a small, deepwater shark currently known only from off Queensland, Australia and New Caledonia. Further fisheries surveys may indicate a wider distribution. There are currently no major fishing activities



in its known range. If it is captured it is likely returned to the water due to its small size and lack of commercial value. Survival rates after being returned are not known. There is no reason to suspect a decline in range, habitat quality or number of mature individuals. The Pink Lanternshark is therefore assessed as Least Concern (IUCN) and in Australia, Sustainable (SAFS).

Distribution

The Pink Lanternshark is known only from the continental slope off northeast Australia on the central Queensland Plateau and from New Caledonia in the Western Central Pacific (Last et al. 2002, Last and Stevens 2009).

Stock structure and status

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

Fisheries

There are currently no major fishing activities in its known range. The Australian Coral Sea Fishery that operates within the species known range has limited effort, with no trawling activity since the 2006-2007 fishing season (Noriega et al. 2014). The Pink Lanternshark is unlikely to be captured frequently on longline gear used in the fishery due to the species small size and use of deepwater. If captured, it is likely returned to the water. Survival rates are unknown but are likely to be moderate from longlines and low from trawls.

Habitat and biology

The Pink Lanternshark has been recorded near the bottom on the continental slope at depths of 708 to 880 m (Last et al. 2002). Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: at least 41 cm TL
Age and/or size at maturity (50%)	Males: 37 cm TL Females: unknown

Link to IUCN Page: <http://www.iucnredlist.org/details/41805/0>

Link to page at Shark References: <http://shark-references.com/species/view/Etmopterus-dianthus>

References

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