

Lined Lanternshark, *Etmopterus dislineatus*

Report Card assessment	Sustainable		
IUCN Red List Australian Assessment	Endemic to Australia	IUCN Red List Global Assessment	Least Concern
Assessors	Kyne, P. & Cavanagh, R.		
Report Card Remarks	Deepwater species from the Coral Sea and very rarely caught		

Summary

The Lined Lanternshark is a deepwater species currently known only off Australia from the central Coral Sea on the continental slope. Further fisheries surveys may indicate a wider distribution. There are presently 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, however, are not known. The Lined Lanternshark is therefore assessed as Least Concern (IUCN) and Sustainable (SAFS).

Distribution

The Lined Lanternshark is currently only known from off northeast Australia in the central Coral Sea, off the Saumarez and Queensland Plateaus (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

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

Habitat and biology

The Lined Lanternshark has been recorded on or near the bottom of the continental slope at depths of 590 to 800 m (Last et al. 2002). Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: at least 45 cm TL
Age and/or size at maturity (50%)	Males: 34 cm TL Females: unknown

Link to IUCN Page: <http://www.iucnredlist.org/details/41806/0>

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

References

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