

Zebra Hornshark, *Heterodontus zebra*

Report Card assessment	Sustainable		
IUCN Red List Australian Assessment	Refer to Global Assessment	IUCN Red List Global Assessment	Least Concern
Assessors	Barratt, P. & Cavanagh, R.D.		
Report Card Remarks	Wide ranging and common but in Australia only known from northern Western Australia		

Summary

The Zebra Horn Shark is wide ranging and apparently common in shallow waters of the Western Pacific. Although of little interest to commercial fisheries, the species is caught as bycatch of demersal trawlers and possibly other fisheries. However, the Zebra Horn Shark is common within its range and there seem to be no major threats to its populations at the present time. Therefore, the species is assessed as Least Concern (IUCN) and in Australia, Sustainable (SAFS).



Distribution

The Zebra Hornshark occurs in Japan, Korea, China, Viet Nam, the Philippines and Indonesia. In Australia, it has only been recorded from northern Western Australia (Compagno 2001, Last and Stevens 2009).

Stock structure and status

There is currently no information on population size, structure, or trend for the species though it is known to be common within its range.

Fisheries

The Zebra Horn Shark is of little interest to commercial fisheries. It is caught as bycatch by commercial trawlers and possibly other fisheries in its range. Utilization in aquarium trade is not recorded, but the species is an obvious candidate because of its attractive colour pattern (Michael 2001).

Habitat and biology

The Zebra Horn Shark is a demersal shark of continental shelves. It is mostly found in depths shallower than 50 m, although recorded from the continental shelf of northern Western Australia in 150 to 200 m. Maximum size is approximately 122 cm total length (TL) with males mature at 64-84 cm TL (Last and Stevens 2009). Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: 122 cm TL
Age and/or size at maturity (50%)	Males: 64-84 cm TL Females: unknown

Link to IUCN Page: <http://www.iucnredlist.org/details/41825/0>

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

References

- Compagno, L.J.V. 2001. Sharks of the world. An annotated and illustrated catalogue of shark species known to date. Vol. 2. Bullhead, mackerel and carpet sharks (Heterodontiformes, Lamniformes and Orectolobiformes). FAO species catalogue for fisheries purposes. No. 1. Vol. 2. FAO, Rome.
- Last, P.R. and Stevens, J.D. 2009. Sharks and Rays of Australia. CSIRO, Australia.
- Michael, S.W. 2001. Aquarium sharks and rays: an essential guide to their selection, keeping, and natural history. Microcosm Ltd., Charlotte, Vermont, and T.F.H. Publications, Neptune City, New Jersey.