

Eastern Highfin Spurdog, *Squalus albifrons*

Report Card assessment	Undefined Stock		
IUCN Red List Australian Assessment	Endemic to Australia	IUCN Red List Global Assessment	Data Deficient
Assessors	Lisney, T.J. & Cavanagh, R.D.		
Report Card Remarks	This species lacks information on catches and life history		

Summary

The Eastern Highfin Spurdog is a medium sized deepwater dogfish that occurs in eastern Australian waters. Its main known range is in an area with minimal fisheries. The biology is virtually unknown though it is likely to have the limiting life history characteristics similar to other deepwater dogfish species. Therefore, as there is very little information, the species is assessed as Data Deficient (IUCN) and Undefined Stock (SAFS).



Distribution

The Eastern Highfin Spurdog occurs in eastern Australia, and is currently known from the Queensland Plateau off Cairns, to Montague Island, southern New South Wales (Last and Stevens 2009). The range of the species is currently uncertain.

Stock structure and status

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

Fisheries

The Eastern Highfin Spurdog is rarely caught in commercial fisheries and much of its range is unfished.

Habitat and biology

The Eastern Highfin Spurdog occurs on the upper continental slope at depths of 131 to 450 m. It is either rare or uncommon and its biology is virtually unknown. The maximum size is at least 86 cm total length (TL), the smallest mature male examined was 61 cm TL (Last and Stevens 2009).

Longevity and maximum size	Longevity: unknown Max size: at least 86 cm TL
Age and/or size at maturity (50%)	Males: ~61 cm TL Females: unknown

Link to IUCN Page: <https://www.iucnredlist.org/species/42723/10748696>

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

References

- Compagno, L.J.V. 1984 Sharks of the World. An annotated and illustrated catalogue of the shark species known to date. Volume 1. (Hexanchiformes, Squaliformes, Squatiniformes and Pristiophoriformes). FAO Species Catalogue for Fisheries Purposes No. 1, Vol.1. FAO, Rome.
- Last, P.R. and Stevens, J.D. 2009. Sharks and Rays of Australia. CSIRO, Australia.
- Last, P.R., White, W.T. and Pogonoski, J.J. 2007. Descriptions of New Dogfishes of the genus *Squalus* (Squaloidea: Squalidae). CSIRO Marine and Atmospheric Research Paper. No. 014.