

## Whitetail Dogfish, *Scymnodalotias albicauda*

<b>Report Card assessment</b>	<b>Negligible</b>		
IUCN Red List Australian Assessment	Data Deficient	IUCN Red List Global Assessment	Data Deficient
Assessors	Finucci, B. & Kyne, P.M.		
Australian Assessors	Kyne, P.M., Heupel, M.R., White, W.T. & Simpfendorfer, C.A. (Shark Action Plan)		
Report Card Remarks	Known from very few specimens, very rare capture in fisheries.		

### Summary

The Whitetail Dogfish appears to be widespread in the Southern Ocean but is known from very few specimens. It is naturally rare and there is insufficient information on its biology, distribution, and



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catches to accurately assess its status. Therefore, the species is assessed as Data Deficient (IUCN) and Negligible (SAFS) because of its very rare capture in fisheries.

### Distribution

The Whitetail Dogfish has a circumglobal distribution in the Southern Ocean. In Australia, it is only known from off Tasmania with a record off northeast Australia requiring confirmation (Last and Stevens 2009).

### Stock structure and status

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

### Fisheries

It is infrequently taken as bycatch in deepwater trawl and tuna longline fisheries.

### Habitat and biology

The Whitetail Dogfish probably occurs near the bottom and in pelagic waters at depths of 150–500 m (Last and Stevens 2009). Maximum size is at least 111 cm total length (TL) with females mature at 74 cm TL or smaller. The species appears to be highly fecund with a litter size of at least 59 pups, however the gestation period and pupping interval is unknown (Nakaya and Nakano 1995, Last and Stevens 2009). Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: at least 111 cm TL
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Age and/or size at maturity (50%)	Males: unknown Females: ≤ 74 cm TL
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**CAAB Code:** 37 020035

**Link to IUCN Page:** <https://www.iucnredlist.org/species/41855/68643273>

**Link to page at Shark References:** <http://www.shark-references.com/species/view/Scymnodalatias-albicauda>

#### 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.

Nakaya, K. and Nakano, H. 1995. *Scymnodalatias albicauda* (Elasmobranchii, Squalidae) is a prolific shark. *Japanese Journal of Ichthyology* 42(3/4): 325–328.