

## Prickly Dogfish, *Oxynotus bruniensis*

Report Card assessment	Undefined Stock		
IUCN Red List Australian Assessment	Refer to Global Assessment	IUCN Red List Global Assessment	Near Threatened
Assessors	Francis, M.P.		
Report Card Remarks	Little is known about catches or biology		

### Summary

The Prickly Dogfish is a deepwater and temperate dogfish. It is widespread in southern Australia and throughout New Zealand but uncommon and only occasionally caught. No information is available on catches by commercial vessels. There are no target fisheries, but it is likely taken as trawl bycatch. The biology is poorly known but fecundity is low. Therefore, the species is assessed as Data Deficient (IUCN) and Undefined Stock (SAFS).



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### Distribution

The Prickly Dogfish is found in Australia from Newcastle (New South Wales) to the western Great Australian Bight.

### Stock structure and status

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

### Fisheries

The species is occasionally taken as bycatch in bottom trawl fisheries, but the extent of mortality is unknown.

### Habitat and biology

The Prickly Dogfish lives near the bottom on continental shelves depths of 45 to 650 m in Australia and 126 to 1,067 m in New Zealand. It is most common at 300 to 600 m in New Zealand (Cox and Francis 1997). Maximum size is at least 75 cm total length (TL) (possibly 91 cm TL) (Last and Stevens 2009). Fecundity is low: one female contained seven embryos. Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: at least 75 cm, possibly 91 cm TL
Age and/or size at maturity (50%)	Males: 55-60 cm TL Females: ≤ 67 cm TL

**Link to IUCN Page:** <http://www.iucnredlist.org/details/41840/0>

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

#### References

Cox, G. and Francis, M. 1997. Sharks and rays of New Zealand. Canterbury University Press, Christchurch.

Last, P.R. and Stevens, J.D. 2009. Sharks and Rays of Australia. Second Edition. CSIRO Publishing, Collingwood