

Bartail Spurdog, *Squalus notocaudatus*

Report Card assessment	Negligible		
IUCN Red List Australian Assessment	Least Concern (Endemic to Australia)	IUCN Red List Global Assessment	Least Concern
Assessors	Finucci, B., Lisney, T.J. & Cavanagh, R.D.		
Australian Assessors	Kyne, P.M., Heupel, M.R., White, W.T. & Simpfendorfer, C.A. (Shark Action Plan)		
Report Card Remarks	Known only from four specimens, limited fishing in its range.		

Summary

The Bartail Spurdog is a rare or uncommon deepwater dogfish endemic to northeast Australia. It is known from only four specimens. This area has minimal fisheries although future expansion of fisheries in its range could pose a

threat to the species. The biology is poorly known, though it is likely to have the limiting life history characteristics similar to other deepwater dogfish species. At present there is inadequate information to assess the conservation status of this species. Therefore, the species is assessed as Least Concern (IUCN) (Kyne et al. 2021) and Negligible (SAFS) as it rarely, if ever, interacts with fisheries.



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Distribution

The Bartail Spurdog has been collected between Cairns and Rockhampton (Queensland) (Last and Stevens 2009).

Stock structure and status

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

Fisheries

At present, there is no information on the interaction of this species with the very limited fishing within its range. Any future development of deepwater trawl fisheries off the northeast coast of Australia could pose a threat to this species, as it would be susceptible to being caught as bycatch.

Habitat and biology

The Bartail Spurdog was collected at depths of 220–450 m. The largest specimen caught was a 62 cm total length (TL) male (Last et al. 2007, Last and Stevens 2009). The biology of the species is virtually unknown.

Longevity and maximum size	Longevity: unknown Max size: at least 62 cm TL
Age and/or size at maturity (50%)	Unknown

CAAB Code: 37 020037

Link to IUCN Page: <https://www.iucnredlist.org/species/42722/68645459>

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

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, 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.