

## Rusty Carpetshark, *Parascyllium ferrugineum*

Report Card assessment	Sustainable		
IUCN Red List Australian Assessment	Endemic to Australia	IUCN Red List Global Assessment	Least Concern
Assessors	Heupel, M.R.		
Report Card Remarks	Small shark not commonly taken by fisheries		

### Summary

The Rusty Carpet Shark is a relatively small, southern Australia endemic with a reasonably wide depth range. Although little is known of the species, it is not targeted by fisheries, and due to its size and depth range, it is rarely a bycatch of trawl and gillnet fisheries in this area. There are no major threats to the species. Therefore, the Rusty Carpet Shark is assessed as Least Concern (IUCN) and Sustainable (SAFS).



### Distribution

The species is restricted to the southern coast of Australia from Gabo Island (Victoria) to Albany (Western Australia) (Last and Stevens 2009).

### Stock structure and status

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

### Fisheries

The Rusty Carpetshark is not commonly taken as bycatch in the trawl and gillnet fisheries operating within its range, due to its size, habitat and depth range.

### Habitat and ecology

The Rusty Carpetshark is a demersal species that occurs near rocks, river mouths, in algae on reefs, or in seagrass, along the continental shelf at depths of 5 to 150 m (Ebert et al. 2013). Males mature at approximately 60 cm total length (TL) (although one male specimen was mature at 46 cm TL) and females at 75 cm TL (Last and Stevens 2009). Little else is known of its biology.

Longevity and maximum size	Longevity: unknown Max size: 80 cm TL
Age and/or size at maturity (50%)	Males: ~60 cm TL Females: ~75 cm TL

**Link to IUCN Page:** <http://www.iucnredlist.org/details/41842/0>

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

#### References

Ebert, D.A., Fowler, S. and Compagno, L. 2013. Sharks of the World. Wild Nature Press, Plymouth.

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