



Blacktip reef sharks (right) and other marine life, including what appears to be a critically endangered honeycomb whipray (top, left), were found in a 300m-long gill net on Tuesday on Pulau Semakau by researchers. PHOTOS: MARCUS NG

## Abandoned fishing net kills 14 endangered blacktip reef sharks

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An abandoned fishing net on Pulau Semakau has caused the deaths of 14 blacktip reef sharks, which are threatened with extinction in Singapore.

Carcasses of the reef fish and other marine life, including what is suspected to be a critically endangered honeycomb whipray, were discovered ensnared in a 300m-

long gill net on Tuesday morning by researchers.

Marine enthusiast Ria Tan, who posted about the incident on Facebook, said the nets were discovered at about 8am.

Among the sharks caught, one was about 1m long and the rest were around 50cm.

She said: "The law prohibits others from removing the nets. The only thing I could do is to take a picture of the net."

Under the Fisheries Act, commercially licensed fisheries are

permitted to lay gill nets outside protected areas, so damaging the fishing implements can be illegal.

In 2021, an abandoned gill net that killed at least 12 young blacktip reef sharks was found also on Pulau Semakau. Between that year and 2022, the deaths of at least 20 blacktip reef sharks and two hawksbill turtles were linked to gill nets near Singapore's offshore islands.

The spider-web-like nets have fine filaments that render them virtually invisible to marine life.

When abandoned, no one is around to release the animals that get entangled.

Citing Tuesday's incident, a spokesman for conservation group Marine Stewards said the organisation has engaged with the fishing community here to promote sustainable practices such as rod-and-line methods and releasing by-catch.

According to a 2022 study by National University of Singapore (NUS) scientists, fishing lines and nets are the most common aban-

doned, lost or discarded fishing gear found here.

The NUS report found that more than 25,500 pieces of abandoned or lost fishing gear were left on beaches, intertidal zones and mangroves in Singapore from 2000 to 2019.

The gear studied ensnared more than 1,050 marine animals, of which 34 per cent were found dead.

Rescuing live animals trapped in these nets is complicated because it is legal to use the implements to

fish outside of waters under the National Parks Board (NParks).

Net fishing in 12 coastal parks and areas managed by NParks, including East Coast Park, is forbidden because of the damage that the method has on marine life.

In this case, Pulau Semakau does not fall under its management, said Dr Neo Mei Lin, a marine ecologist with the NUS Tropical Marine Science Institute.

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