

• *Xiphias gladius*

來源地: 全球

一般出售方式: 新鮮及冷藏魚柳

捕撈方法: 浮延繩

◦ 生態特徵

劍魚生長緩慢，需約五年方可繁殖，屬高度遷徙性的魚類品種，身長可達4.5米，其生態特徵令牠們極易受漁業壓力影響。

◦ 野生種群狀況

劍魚遷徙於海洋之間，極難評估其種群數目，但鑑於目前出售的劍魚以幼魚為主，可見這個品種已遭過度捕撈。

◦ 意外捕撈

漁民使用延繩釣捕撈劍魚時，鯊魚和海龜等瀕危物種有機會一併被捕獲。

◦ 對環境的影響

漁具幾乎不會觸碰到海床，對海床影響極微。

◦ 漁業管理

劍魚漁業的管理並不完善。劍魚在海洋活動範圍極廣，令漁業管理措施難以推行困難。即使地區漁業管理組織記錄劍魚漁獲數量，漁獲數量限制等漁業管理措施則非常有限。除了美國外，其餘地方均未能有效落實有關措施。

摘要

劍魚已遭過度捕撈，其生態特徵令牠們極易受漁業壓力影響。浮延繩捕魚在捕撈劍魚時，製造不少意外漁獲，當中包括瀕危物種。這種漁業對海床環境破壞輕微。除美國外，其餘國家均未能有效落實劍魚漁業管理措施。

• *Xiphias gladius*

Origin: Global

Mainly sold as: Fresh and frozen fillet

Fishing method: Pelagic long-lining

◦ Biology

Swordfish grow slowly, taking about five years to become sexually mature. They are highly migratory and can reach more than 4.5 metres in length. All of these characteristics make them vulnerable to fishing pressure.

◦ Status of wild populations

As swordfish can migrate across the oceans, it is difficult to estimate the size of their populations. However, the fact that the swordfish available for sale are mainly juveniles suggests that they are already overfished.

◦ Bycatch

Pelagic long-lining does not just catch swordfish: it also kills endangered species such as sharks and marine turtles.

◦ Impacts on the environment

As there is almost no contact between the fishing gear and the seabed, the impact is minimal.

◦ Fisheries Management

Swordfish fisheries are not well managed. Swordfish travel long distances in the ocean, making fisheries management difficult. Although regional fishery management organisations record quantities of swordfish, fisheries management measures, including restrictions on the number that can be caught, are limited. Except in the USA, implementation is not effective.

Summary

Swordfish stocks are considered overfished and they are biologically vulnerable to fishing pressure. The pelagic long-lining used to catch swordfish results in bycatch that includes endangered species. The gear does little damage to the seabed ecosystem, but fisheries management measures for swordfish, except in the USA, are not effective.