



• *Amusium balloti*

來源地: 澳洲東部及西部
一般出售方式: 活、冷藏及解凍帶子
捕撈方法: 底挖掘

◉ 生態特徵

帶子生長迅速，一年內達成熟期。帶子種群會受水流和水溫轉變等外來因素影響，故在一些年份較容易受漁業壓力威脅。

◉ 野生種群狀況

澳洲東部及西部的帶子漁業資源已被完全開發。

◉ 意外捕撈

挖掘捕撈可能捕撈大量意外漁獲，但帶子多群集活動，只會在特定地方出現，故被丟棄或非目標品種的漁獲數量甚少。漁民亦採用特別儀器，防止誤捕海龜。

◉ 對環境的影響

挖掘漁具通常會嚴重影響海床，但帶子生長於沙質海床，故對海床影響輕微，漁民亦只可在指定範圍捕撈帶子。

◉ 漁業管理

澳洲帶子捕撈業採用的管理措施包括捕撈牌照限制、設立捕撈配額、休漁期、漁業資源評估、規管漁具及漁獲品種體積等。澳洲東部及西部的帶子捕撈業管理均見完善。

摘要

外在環境轉變或會影響帶子對漁業的承受能力。澳洲東部和西部的帶子漁業資源均已遭完全開發。兩地的漁民均採用底挖網捕撈帶子，但由於管理得宜，意外捕撈的非目標品種的漁獲數量甚少，對海床環境的影響亦輕微。有關的漁業管理體制能有效保護種群。



• *Amusium balloti*

Origin: Eastern and western Australia
Mainly sold as: Fresh, frozen and defrosted scallop
Fishing method: Bottom dredging

◉ Biology

Scallops grow quickly and become mature in a year. However, scallop populations can be affected by external conditions such as changes of seawater currents and temperature, making them more sensitive to fishing pressure in some years than others.

◉ Status of wild populations

The stocks of eastern and western Australian scallops are fully fished.

◉ Bycatch

Although bottom dredging can potentially generate large amounts of undesirable bycatch, the discarded catch and bycatch from these fisheries are minimal because scallops will aggregate together and can only be found in certain areas. Special devices are used to prevent marine turtles getting caught.

◉ Impacts on the environment

Usually, bottom dredging has a big impact on the seabed, but the impact of scallop fishing is small because the

seabed in question is sand. Scallop fishing is only allowed at designated areas.

◉ Fisheries management

Australian scallop fisheries adopt management measures including licensing, harvest quotas, closed seasons, stock assessments and restrictions on gear types and minimum scallop size. Scallop fisheries in both eastern and western Australia are well managed.

Summary

External environmental variations can potentially affect the vulnerability of scallops to fishing pressure. The stocks in eastern and western Australia are fully fished. Although fishermen in both areas use dredging to catch scallops, good management practices mean that they generate minimal amounts of bycatch and discarded animals. Damage to seabed habitats is also small. The management systems of these fisheries are effective in protecting stocks.