



• *Panulirus cygnus*

**來源地:** 西澳洲

**一般出售方式:** 活龍蝦及冷藏龍蝦，原隻出售

**捕撈方法:** 龍蝦籠

### ◉ 生態特徵

西澳洲龍蝦生長速度緩慢，成長期為五年之久。水温等外在因素可以影響幼龍蝦孵化的數目。這些特徵使西澳洲龍蝦易受漁業壓力影響。

### ◉ 野生種群狀況

西澳洲龍蝦種群的數目處於健康水平，其漁業資源屬完全開發類別。

### ◉ 意外捕撈

八爪魚是主要的意外漁獲，此外還有少量其他底棲魚類品種。

### ◉ 對環境的影響

龍蝦籠主要放置在岩石海床，對環境影響不大。

### ◉ 漁業管理

此海鮮品種的漁業管理體制健全，且行之

有效。漁民必須申領捕撈牌照，牌照的數目有限，同時設有每年捕撈配額，漁獲品種體積亦受限制。龍蝦捕撈業獲海洋管理委員會（MSC）認證。

## 摘要

這個品種的成長速度緩慢，易受外在環境因素影響，故較易受漁業壓力威脅。西澳洲龍蝦的數目處於健康水平，其漁業資源已被完全開發。西澳洲龍蝦捕撈業的意外漁獲甚少，對海床生態系統影響輕微，更獲海洋管理委員會(MSC)認證，管理完善。



• *Panulirus cygnus*

**Origin:** Western Australia

**Mainly sold as:** Live lobster and frozen lobster

**Fishing method:** Pot traps

### ◉ Biology

The growth of western Australian rock lobster is slow - it takes them about five years to become adult. External factors such as water temperature can affect the number of eggs that grow into juvenile lobsters. These characteristics make western Australian rock lobster susceptible to fishing pressure.

### ◉ Status of wild populations

The populations of western Australian rock lobster are considered to be healthy and are fully exploited.

### ◉ Bycatch

Octopuses are the major bycatch, along with small amounts of other bottom-living fish species.

### ◉ Impacts on the environment

As the pots are usually placed on rocky seabeds, they cause little damage to the environment.

### ◉ Fisheries management

The fishery management system of this species is sound and effective. Fisher-

men are required to obtain licences and their number is limited. There is an annual quota for the number of animals caught and the size of the lobsters caught is also regulated. The fishery is certified by MSC.

## Summary

This species is susceptible to some fishing pressure since it grows slowly and is sensitive to external environmental factors. The stocks of western Australian rock lobster are considered healthy and fully fished. The fishery generates a low amount of bycatch and has little impact on the seabed ecosystem. The western Australian rock lobster fishery is MSC-certified and management is sound.

