



## 想清楚

• *Scylla serrata*

**來源地:** 中國

**一般出售方式:** 活蟹

**養殖方法:** 位於潮間帶的戶外養殖池

### 蟹類養殖環境

養殖池內的青蟹相當擠迫，容易傳播疾病和寄生蟲。

### 飼料

青蟹是食腐動物，但養殖戶或會以具重要價值品種的幼魚餵飼牠們，進一步加劇南中國海的過度捕撈問題。

### 蟹苗來源

大部分蟹均來自人工孵育場，但亦有部分來自野外。青蟹一次能繁殖大量幼蟹，但在野外捕捉幼蟹仍會影響種群數量。

### 對環境的影響

青蟹養殖池位於河套的潮間帶，養殖戶只需對泥灘稍加改動，便能建成養殖池。來自青蟹的污水和排泄物直接排放到海中，污染水源和危害自然環境。

### 海產養殖管理

中國規定只可在指定的地方興建養殖場，但未能全面解決傳播病菌和污染環境等問題，養殖業亦能惠及當地社區。

## 摘要

養殖戶在中國的潮間帶飼養青蟹，利用野生幼魚作為飼料，污水污染海洋，病菌亦在養殖物種間，及向鄰近環境傳播，對環境構成影響。現存若干規例監管養殖場，唯整體而言，管理措施並非十分有效。



## Think Twice

• *Scylla serrata*

**Origin:** China

**Mainly sold as:** Live crab

**Culture method:** Outdoor intertidal ponds

### Condition of the farmed shellfish

Mud crabs are often stocked at high densities, meaning that diseases and parasites can spread easily.

### Feed

Mud crab are scavengers, but the young of important fish species may be used as feed. This puts additional pressure on the already overfished South China Sea.

### Source of fry

Most mud crab fry come from hatcheries but some wild individuals are also collected. Although they produce many young at once, collecting juveniles from the wild could still affect population levels.

### Impacts on the environment

As mud crab ponds are located on intertidal regions on estuaries, little alteration is needed to convert mudflats into ponds. Effluent and faeces are directly discharged into the open sea, polluting the water and harming the natural communities.

### Mariculture management

Aquaculture farms can only be set up in designated places in China. The industry is beneficial to local communities. The regulations, however, are only partially effective in addressing issues such as the spread of disease and pollution to the surrounding environment.

## Summary

Mud crabs are cultured in intertidal zones in mainland China. Farms have some environmental impact, including the use of wild juvenile fish as feed, pollution from discharged effluent and disease spreading between farmed individuals and into the surrounding environment. There are some regulations governing mud crab farms, but overall, management measures are only partially effective.