

Gold-spot octopus East and South China Seas

 Fishery:  China  China  Purse seines

IDENTIFICATION



Source: UniProt Consortium, 2002-2013

SCIENTIFIC NAME

Amphioctopus fangsiao

SPECIES NAME(S)

Gold-spot octopus

STOCK IDENTIFICATION

Studies of stock structure in Chinese waters are ongoing (Gao et al., 2013) but there are indications of separation of a stock in the East and South China Seas from another in the Yellow Sea (Lu et al., 2011). Nomenclature is unresolved but *O. fangsiao* (= *Octopus ocellatus*), referred to as shortarm octopus in Chinese literature, appears to be the same species (*O. membranaceus*) FAO names webfoot octopus (Roper et al., 1984). However, webfoot octopus is no longer accepted and is now considered as the *Amphioctopus membranaceus* species (gold-spot octopus) (*MolluscaBase 2019*).



RELATED LINKS:

- [Chinese Ministry of Agriculture \(MOA\)](#)

ASSESSMENT

Strengths

- Some technical management measures are in place.
- MPAs are established to protect ETP species, some with fishing restrictions.

Weaknesses

- No species-specific stock assessment is conducted. No scientific advice is known to exist.
- There is little information available on stock assessment and environmental impacts but it is unclear if this is due it not existing or to it not being made public.
- The effectiveness of the current management measures is unknown.
- Illegal fishing is known to occur despite no available and official data.

SCORES

Management Quality:

Management Strategy	Managers Compliance	Fishers Compliance
DATA DEFICIENT	DATA DEFICIENT	DATA DEFICIENT

Stock Health:

Current Health	Future Health
DATA DEFICIENT	DATA DEFICIENT

FIPS

No related FIPs

MSC

No related MSC fisheries

RECOMMENDATIONS

RETAILERS & SUPPLY CHAIN

- Start a fishery improvement project (FIP) to address the lack of publicly available information on this fishery. For advice on starting a FIP, see SFP's Seafood Industry Guide to FIPs and other resources at <https://www.sustainablefish.org/Programs/Professional-Guidance/FIP-Toolkit-Resources>.
- Encourage scientists to share their studies/publications with FishSource by commenting on the profile and uploading a hyperlink to the document.
- Work with the government and scientists on the collection of data and make them accessible online.