



The South China Sea Fisheries *Refugia* Project: Fish Life-Cycle and Critical Habitat Linkages

Life – History Phase	Known Habitat/ Critical Area	Threat
Early – life history	free floating as planktonic life reef, reef, shoreline	Polution, climate change, predators: fish
Juvenile	reef inshore, rock, shoreline sea grass	trawling, sea-grass degradation, trap, larval fishing, lift net
Pre - recruit	seagrass, reef, rock areas between inshore + offshore	trawling, trap
Adult	Open sea < 100' depth reef, middle water,	Trap, Trawl
Spawning	Seagrass, floating coral reef, objects/substrate	Dynamite fishing, trawling, climate change, Trap, seagrass degradation



หมึกหอม Bigfin reef squid
Sepioteuthis lessoniana

Bigfin reef squid (*Sepioteuthis lessoniana*)

Activity descriptor: Identifying fisheries *refugia* requires an understanding of the critical linkages between the life-cycles of fish species and their habitats. This inception workshop activity aims to stimulate discussion among participants of the fisheries *refugia* concept and benchmark our collective understanding of how economically important species utilize coastal and marine areas at various stages of their life-cycles. Participants are also invited to identify any known threats to fish life-cycle and habitat linkages for the species they have been assigned.