



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	pelagic Jellyfish larvae Planktonic → open waters	- predators - plankton eaters - pollution
Juvenile	open sea in schools	- Fisherman (FAD) - Pollution (LBS)
Pre - recruit before A ₁	open waters	- Fisherman (light) - Pollution (light)
Adult	Reef slopes until deep waters	- local acidification - Dye off - Fishing (Purse Seine)
Spawning	non-guarded open waters/ substratum egg scatterers	- predators (+ FAD) - pollution - Fishing



129: CARANGIDAE: *Decapterus macrosoma* (195 mm TL), Shortfin scad

Shortfin scad (*Decapterus macrosoma*)

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.