



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	Coastal area	- Water runoff - Pollution - acidification
Juvenile	Coastal area, mangrove forest	- Mangrove deforestation - Pollution - Coastal seabed destroyed by destructive fishing gears
Pre - recruit	- muddy and sandy bottom of coastal ground	- Unselective, small mesh size fishing gear, trawler
Adult	- muddy and sandy bottom ground	- Seabed destroyed by destructive fishing gear. - High fishing effort
Spawning Lm 30 cm	- muddy and sandy bottom ground	- Seabed destroyed by destructive fishing gear - Fishing during



41: SYNODONTIDAE: *Saurida tumbil* (200 mm TL), Greater lizardfish

Lizardfish (*Saurida spp.*)

Saurida elongata

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.