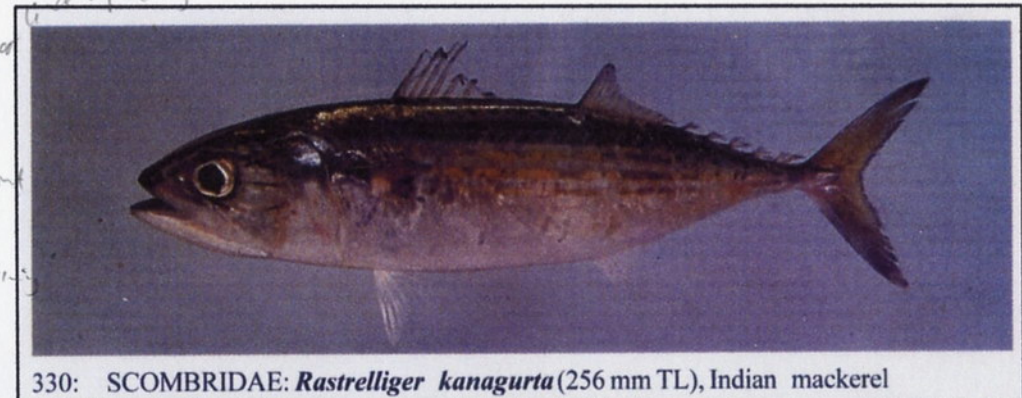




The South China Sea Fisheries *Refugia* Project: Fish Life-Cycle and Critical Habitat Linkages

Life – History Phase	Known Habitat/ Critical Area	Threat
Early – life history (Same w/ Spawning)	(Planktonic) - neritic, continental - turbid, nutrient rich, shallow - > 17°C, River mouth	Pollution, low-Nutrient flow, Habitat loss Climate Change / Global warming
Juvenile	(Planktonic) Along Coast	- Same - - fine mesh nets
Pre - recruit	Bays, Along Coast (Neritic)	- low Nutrient level - fishing w/ small- meshed gears Illegal fishing gear (i.e. blast fishing, gillnet)
Adult	Cyst, Harbour, Bays shallow, coastal waters Cl - 0.4 mg/l 30T - 23°C (Neritic) Harbour	Overfishing
Spawning (Same w/ E-life history)	neritic, Bays, Harbour coastal waters,	Overfishing (i.e.)



330: SCOMBRIDAE: *Rastrelliger kanagurta* (256 mm TL), Indian mackerel

Indian mackerel (*Rastrelliger kannagurta*)

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.

Wikipedia