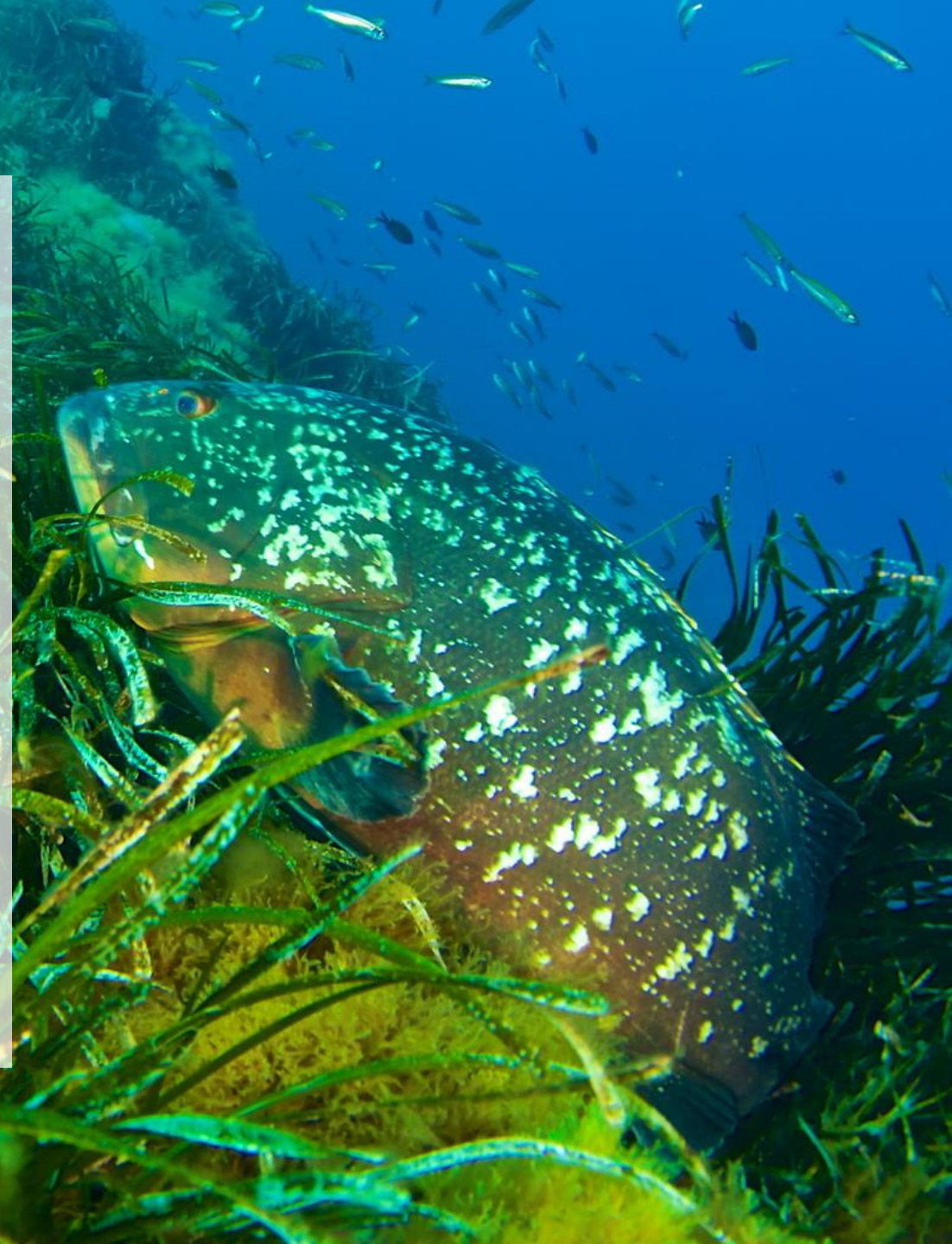




SEAFDEC/UNEP/GEF Fisheries Refugia Project

Part II: Fisheries Refugia Site and Priority Species



15 Priority Fisheries Refugia Sites and Target Species



Blue Swimming Crab



Scientific Name :	<i>Portunus pelagicus</i>
Fisheries Refugia Site :	Koh Po, Kep province, Cambodia Koh Set, Surat Thani, Thailand
Distribution :	It is found in West Pacific Oceans including Japan, and Philippines throughout Southeast and East Asia, to Indonesia, the East of Australia, and Fiji Islands, and westward to the Red Sea and East Africa.
Spawning Period :	May to September
Length at First Maturity :	7.3 cm
Fishing Gear Captured :	Gillnet, Trap, Trawl

Orange-spotted Grouper



Scientific Name :	<i>Epinephelus coioides</i>
Fisheries Refugia Site :	Trapaing Ropaov, Kampot province, Cambodia
Distribution :	Indo-West Pacific: Persian Gulf to Taiwan, Indonesia and the northern coast of Australia
Spawning Period :	March to June
Length at First Maturity :	36 cm
Fishing Gear Captured :	Gillnet, Trap, Hook and Line, Gillnet, Spear

Short Mackerel



Scientific Name :	<i>Rastrelliger brachysoma</i>
Fisheries Refugia Site :	Peam Krosob, Koh Kong, Cambodia Trat, Thailand Phu Quoc, Viet Nam
Distribution :	It is found in Central Indo-West Pacific from the Andaman Sea east to Thailand, Indonesia, Papua New Guinea, Philippines, Solomon Islands and Fiji
Spawning Period :	November to May
Length at First Maturity :	16.98 cm
Fishing Gear Captured :	Gillnet, Purse seine, Cast Net, Trawl

Spiny Lobster



Scientific Name :	<i>Panulirus polyphagus</i>
Fisheries Refugia Site :	Tanjung Leman, East Johor, Malaysia
Distribution :	Indo-West Pacific: from the coasts of Pakistan and India to Vietnam, the Philippines, Indonesia, Northwest Australia and the Gulf of Papua.
Spawning Period :	July to September
Length at First Maturity :	Male 51-55 mm CL Female 51-60 mm CL
Fishing Gear Captured :	Trawl, Gill Net, Trap, Hook and Line

Tiger Prawn



Scientific Name :	<i>Penaeus monodon</i>
Fisheries Refugia Site :	Kuala Baram, Miri, Sarawak, Malaysia
Distribution :	The giant tiger prawn is widely distributed throughout the greater part of the Indo-West Pacific region
Spawning Period :	May until November
Length at First Maturity :	40-42 mm CL
Fishing Gear Captured :	Trawl, Drift Net, Cast Net, Trammel net

Mitre Squid



Scientific Name :	<i>Uroteuthis chinensis</i>
Fisheries Refugia Site :	Bangka Belitung, Indonesia
Distribution :	Indo-West Pacific.
Length at First Maturity :	6-8cm
Fishing Gear Captured :	Cast net, Bagnet, Falling net

Indian White Prawn



Scientific Name :	<i>Fenneropenaeus indicus</i> <i>Penaeus indicus</i> (formerly)
Fisheries Refugia Site :	West Kalimantan, Indonesia
Distribution :	Indo-Pacific: From northeast Africa to south China, Malaysia, Indonesia and north Australia.
Spawning Period :	September to February
Length at First Maturity :	35 mm CL
Fishing Gear Captured :	Trawl, Drift Net, Castnet, Trammel net

Fusilier



Scientific Name : *Caesio cunning*

Fisheries Refugia Site : Coron, Palawan, Philippines

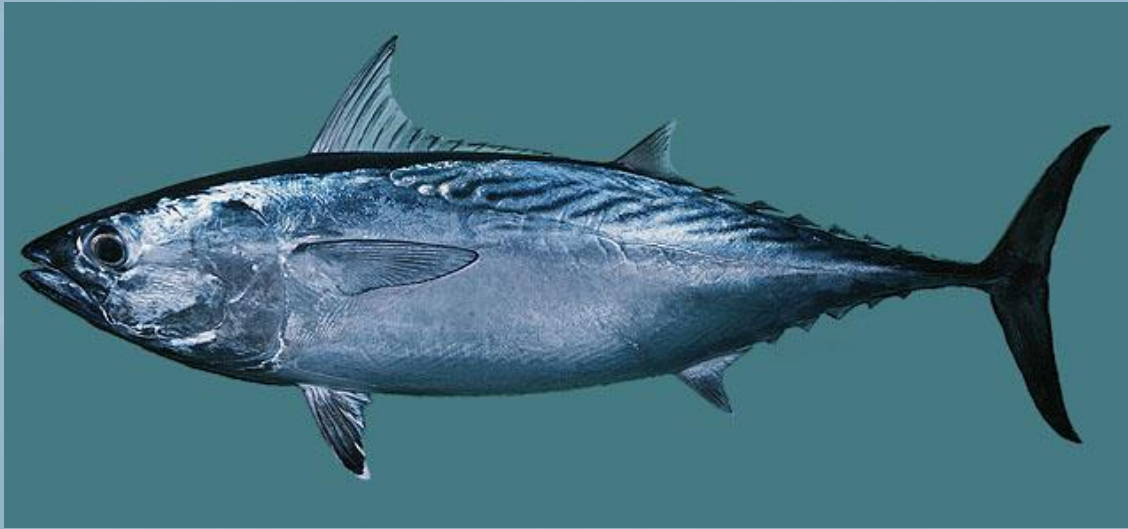
Distribution : Indo-West Pacific: Sri Lanka to Vanuatu; southern Japan to northern Australia

Spawning Period : Spawn during the new moon

Fishing Gear Captured : Gillnet, Hook and line, Spear, Trap, Drive-in Net

Coron, Palawan, Philippines

Frigate Tuna



Scientific Name :	<i>Auxis thazard</i>
Fisheries Refugia Site :	- Masinloc, Zambales, Philippines - Binh Thuan, Viet Nam
Distribution :	Atlantic, Indian and Pacific (Western Central)
Spawning Period :	The spawning season varies with areas, but in some places, it may even extend throughout the year.
Length at First Maturity :	29.5 cm
Fishing Gear Captured :	Purse Seine, Ringnet, Hook and Line

Masinloc, Zambales, Philippines

Rabbitfish



Scientific Name :	<i>Siganus punctatus</i>
Fisheries Refugia Site :	Bolinao, Pangasinan, Philippines
Distribution :	Western Pacific: fringe of the eastern sector of the Indian Ocean, Cocos (Keeling) Islands, Australia, Indonesia, Singapore, Gulf of Thailand, South China Sea, Philippines, Taiwan, Ryukyu Islands, Ogasawara Islands, Mariana Islands, Palau (Belau), Caroline Islands, Kapingamarangi Islands, Nauru and Niue.
Spawning Period :	Spawning occurs around either new or full moons or both
Length at First Maturity :	5.6 cm
Fishing Gear Captured :	Spears, Gillnet, Beach seine, Cast net, Seine net, Hook and Line, Bagnet, Trap



Source of Information and Reference

- <https://fisheries-refugia.org/refugia-gis/refugia-sites>
- <https://fisheries-refugia.org/3rd-rstc-meeting/3rd-rstc-doc>
- <https://fisheries-refugia.org/4th-rstc-meeting/4th-rstc-doc>
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