การประชุมพื้นบ้านในเขตมาตรการอนุรักษ์สัตว์น้ำในถุ่มปลามีไข่และวางไข่ของสัตว์ทางน้ำที่ระลึกตาม

ถุ่มปลามีไข่และวางไข่ของสัตว์ทางน้ำที่ระลึกตาม

حرصขยายเวลาชีวิตของสัตว์น้ำในถุ่มปลามีไข่และวางไข่ของสัตว์ทางน้ำให้เป็นผล

อ.น.ศ.น.เจ้าหน้าที่ ที่ระลึกตาม

<อื่นๆ>
Small-Scale Fisheries in the Closed Area during Spawning and Breeding Season in the Andaman Sea

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Abstract

The small-scale fisheries in the closed area during spawning and breeding season in the Andaman Sea were studied by collecting the data in Phuket, Phang-nga, Krabi and Trang provinces during January to December, 2010 from trammel net, mackerel gillnet, mackerel surrounding net, crab bottom gillnet, sand whiting gillnet, crab trap, squid trap, crab lift net and bamboo stake trap. The study found that the fishing were operated 1-2 days/trip, employed 1-3 fishing labours and operated by 6.0-11.0 m length longtail boats. The fishing ground was 1.0-15.0 km off the shoreline where the water depts were in the range of 2.0-30.0 m. The small-scale fisheries mostly operated throughout the year.

The average catch rates of trammel net, mackerel gillnet, mackerel surrounding net, crab bottom gillnet and sand whiting gillnet were 0.35, 1.41, 15.08, 0.88 and 0.48 kg/100 m of nets, respectively. For crab trap, squid trap and crab lift net, the average catch rates were 0.75, 3.67 and 1.37 kg/10 traps, respectively. For bamboo stake trap, the average catch rate was 6.08 kg/trap. The main species from those gears mostly were the target species of each gear. The banana prawn was the main species of trammel net and bamboo stake trap for 37.35% and 29.56% of total catches. The mackerel was the main species of mackerel gillnet and surrounding net for 25.97% and 91.42% of total catches. The sand whiting (Sillago spp.) was the main species of the sand whiting gillnet for 81.96% of total catch. The blue swimming crab was the main species of crab bottom gillnet, crab trap and crab lift net for 56.81, 77.00 and 67.14% of total catches, respectively. For squid trap, soft cuttlefish and cuttlefish contributed 82.78% and 16.45% of the total catch. The average sizes of main economic species, including mackerel, sand whiting, banana prawn, blue swimming crab and soft cuttlefish, were mostly larger than their sizes at first mature. However, the average lengths of mackerel and banana prawn caught by bamboo stake trap were smaller than their lengths at first mature.

Key words: small-scale fisheries, seasonal closed area, Andaman Sea

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