

Summary of Data Related to Segara Anakan Fish and Shrimp Catches

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INTRODUCTION

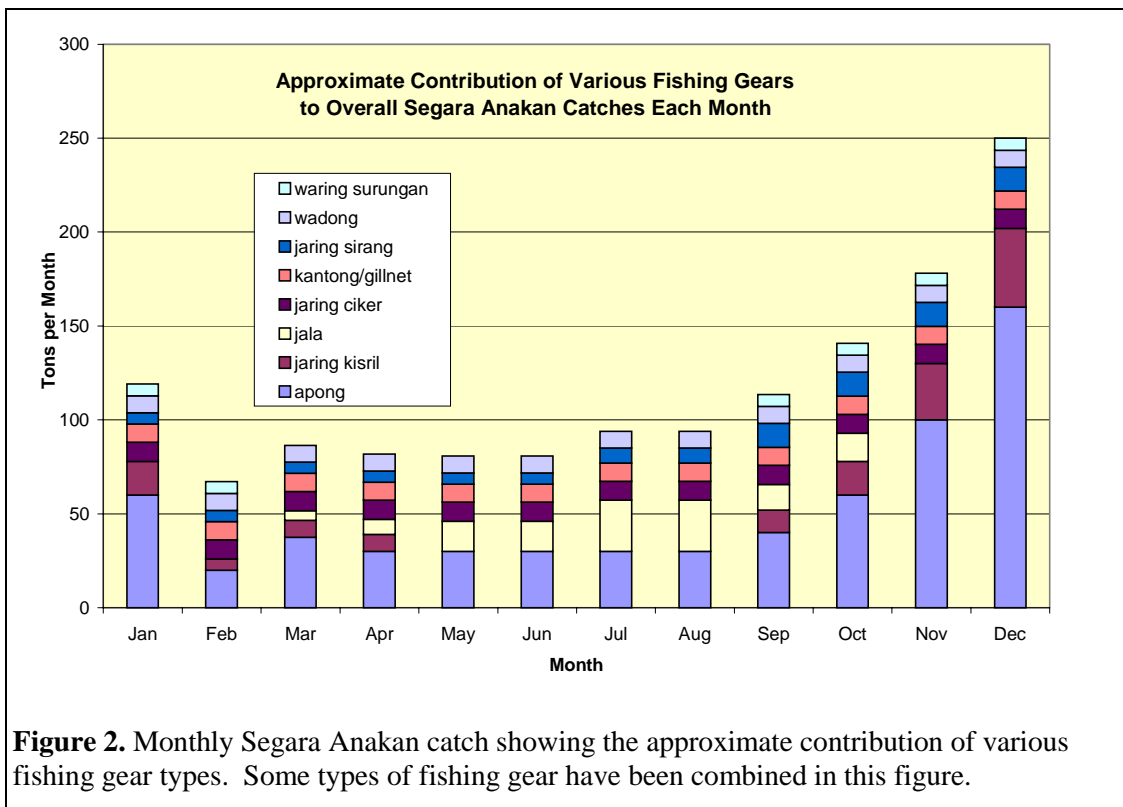
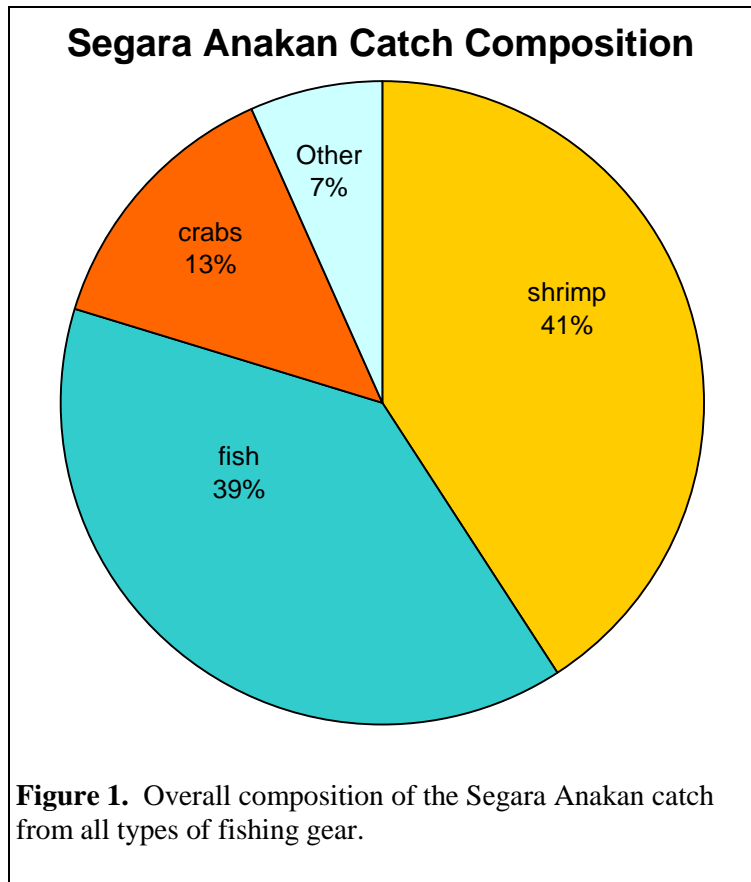
Following is a pictorial summary of data related to catches in Segara Anakan area during November 1999 through October 2000. This information was collected as part of the Segara Anakan Conservation and Development Project because additional information was needed to assist in developing fishery management programs for Segara Anakan and for coastal shrimp fisheries. Segara Anakan is important for coastal fisheries primarily because it is a nursery area for certain coastal shrimp species.

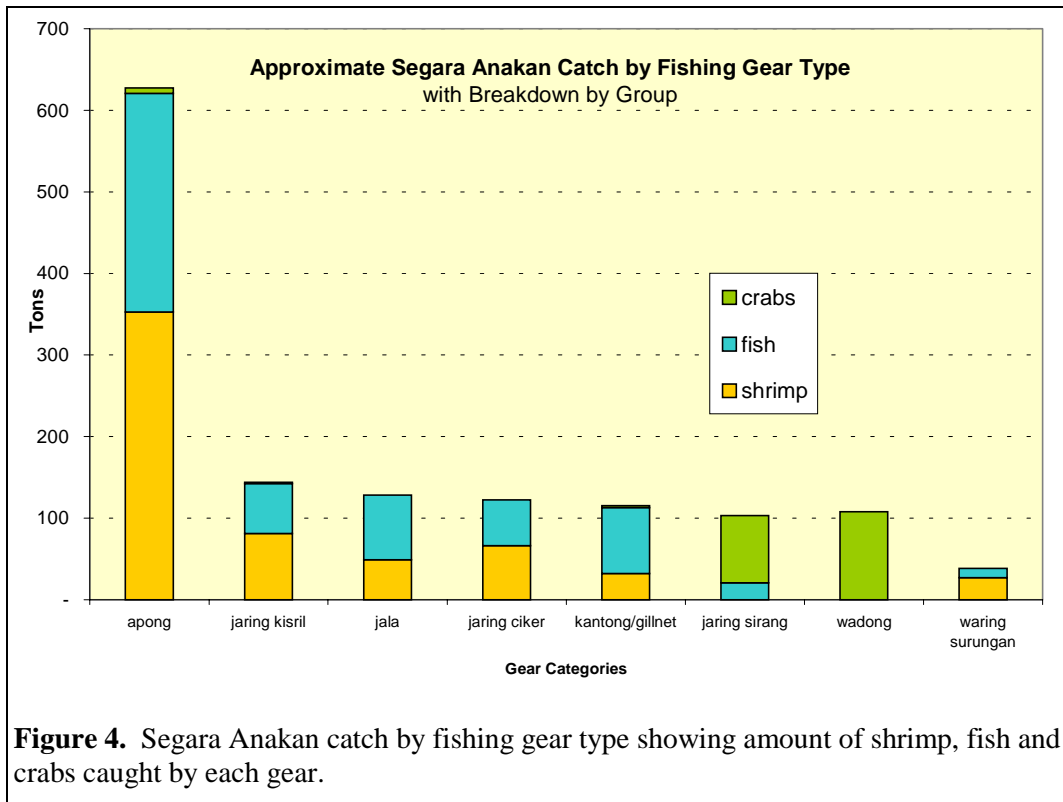
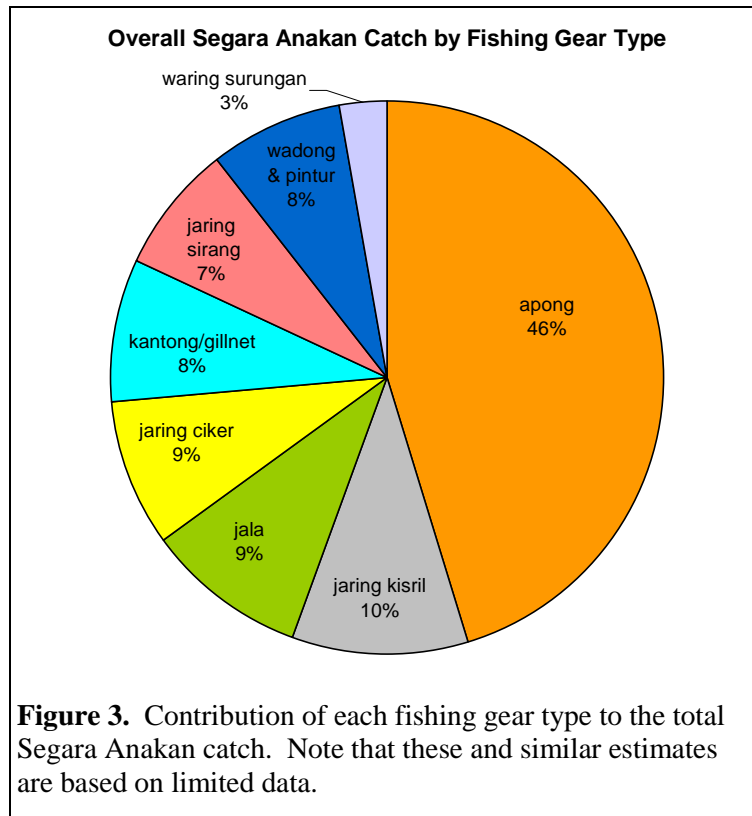
Sampling in Segara Anakan took place primarily in the villages of Motean and Karang Anyar with visits to other villages. Data collectors visited these villages for four to five days each month for one year and examined catches from different types of fishing gear. The most common gear types are gillnets (sirang), trammelnets (ciker), cast nets (jala), crab traps (apong), crab rings (pintur), and tidal filter nets (apong).

Segara Anakan landing are not regularly sampled by the fishery statistical system, and thus no long term information is available for the Segara Anakan fishery.

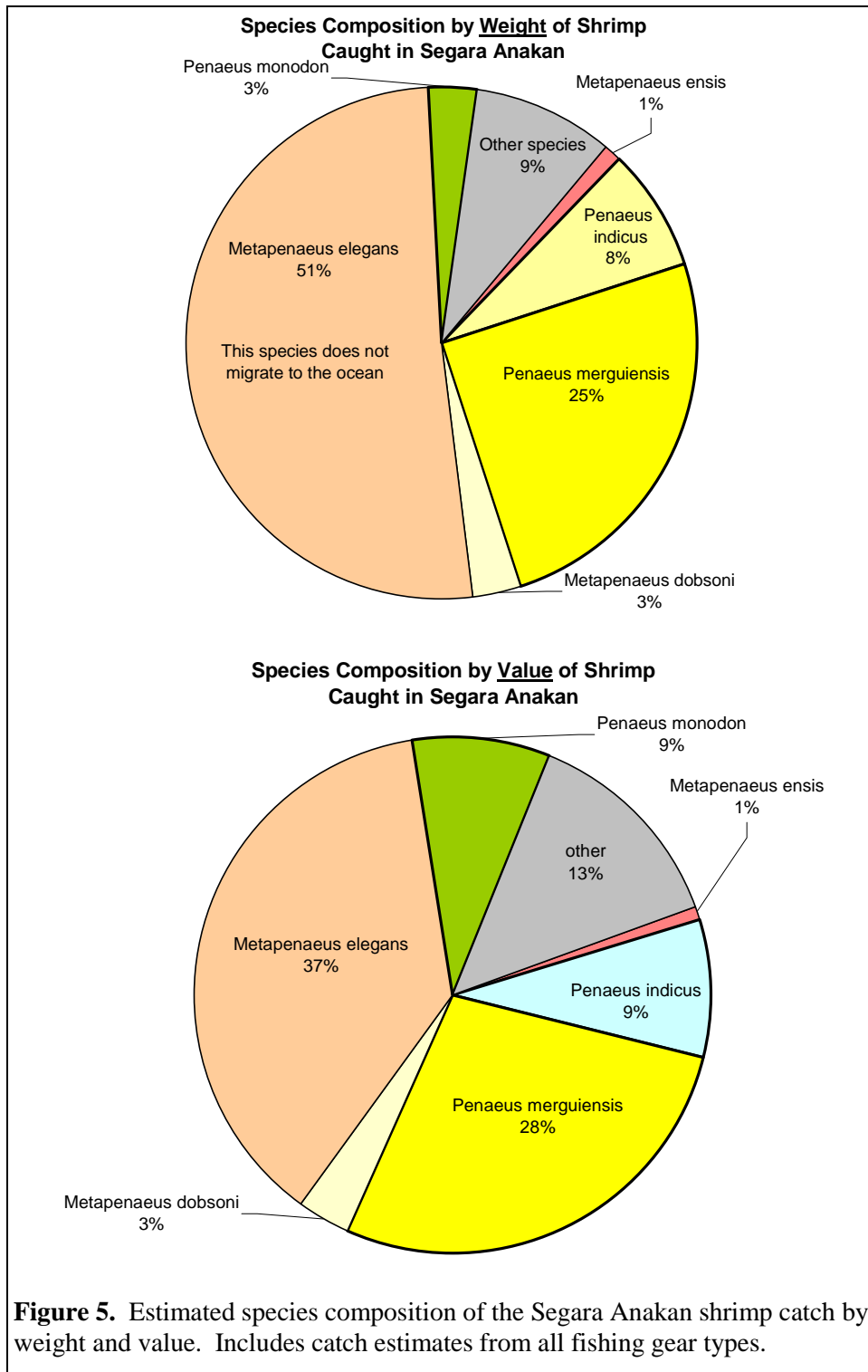
This summary is divided into sections covering: overall catch composition and catch by fishing gear type, shrimp catches, fin-fish catches, crabs, catches from apong and, catches from jala.

CATCHES AND FISHING GEAR





SHRIMP



FIN-FISH

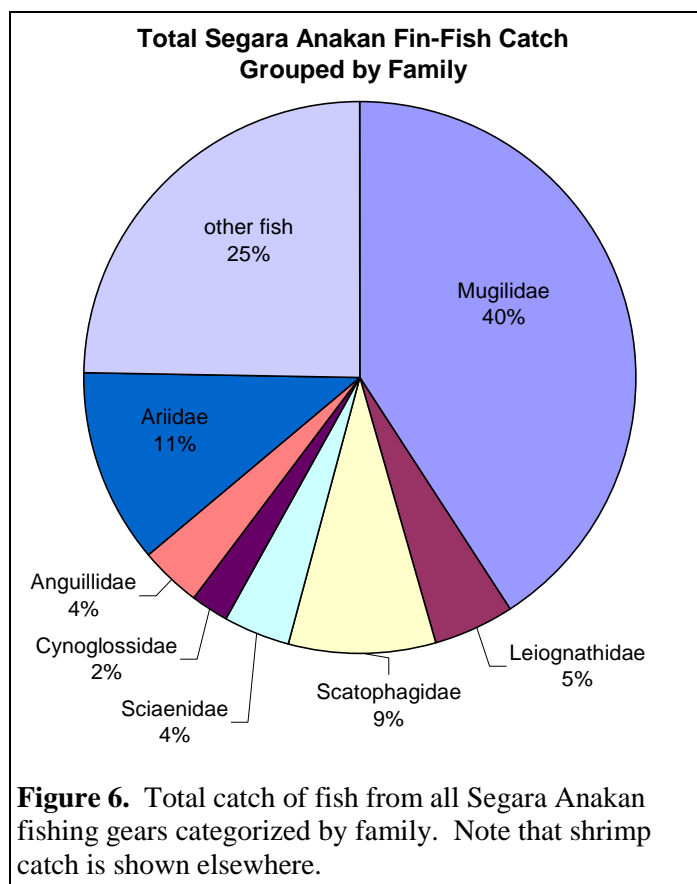
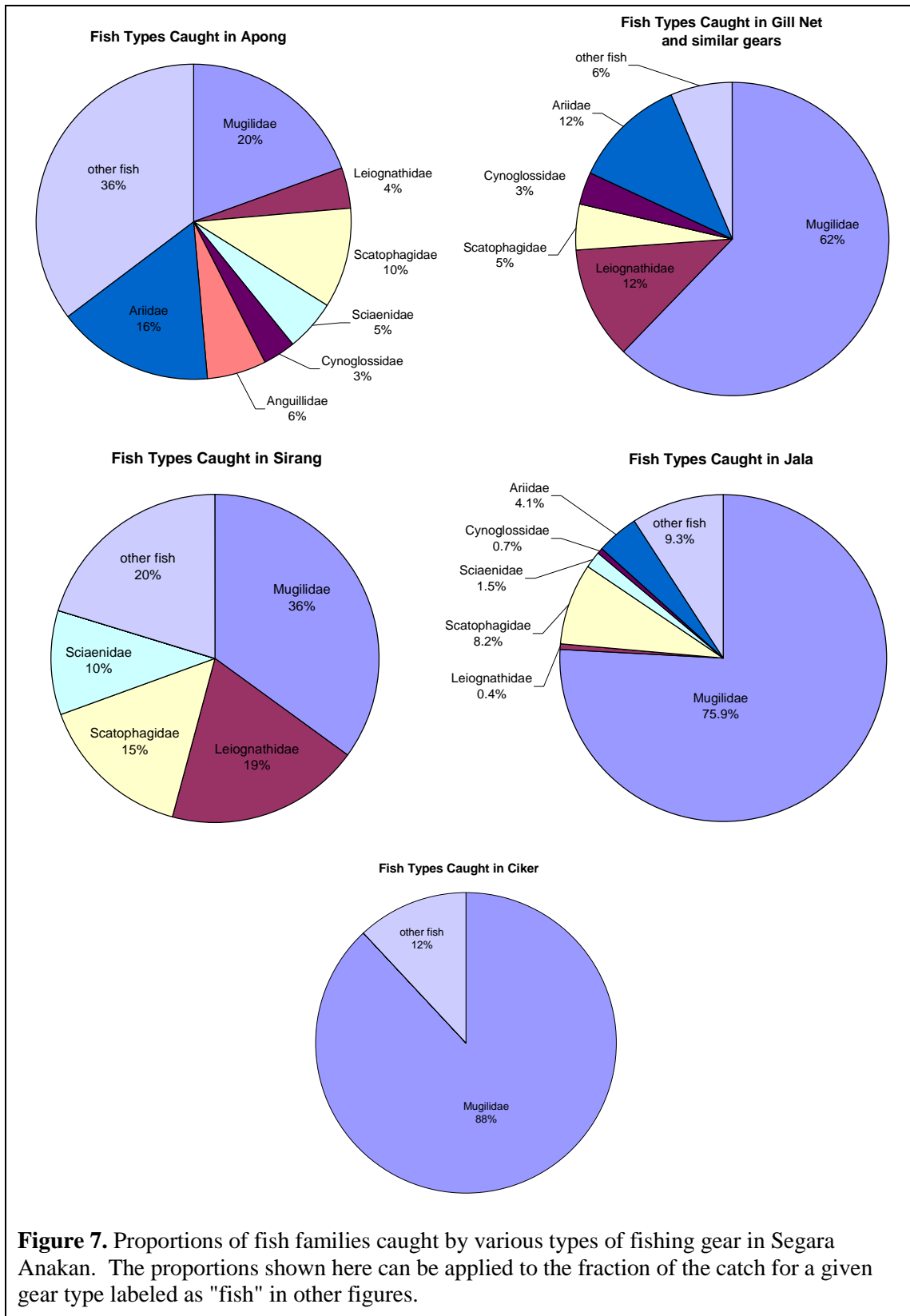
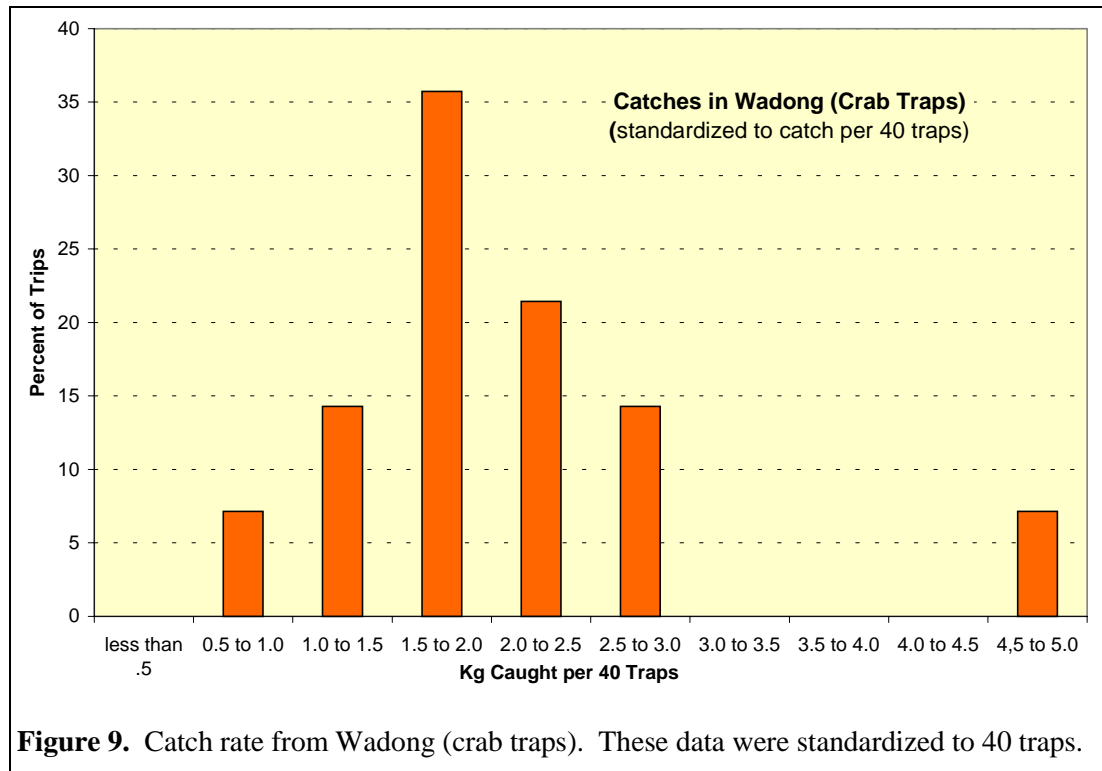
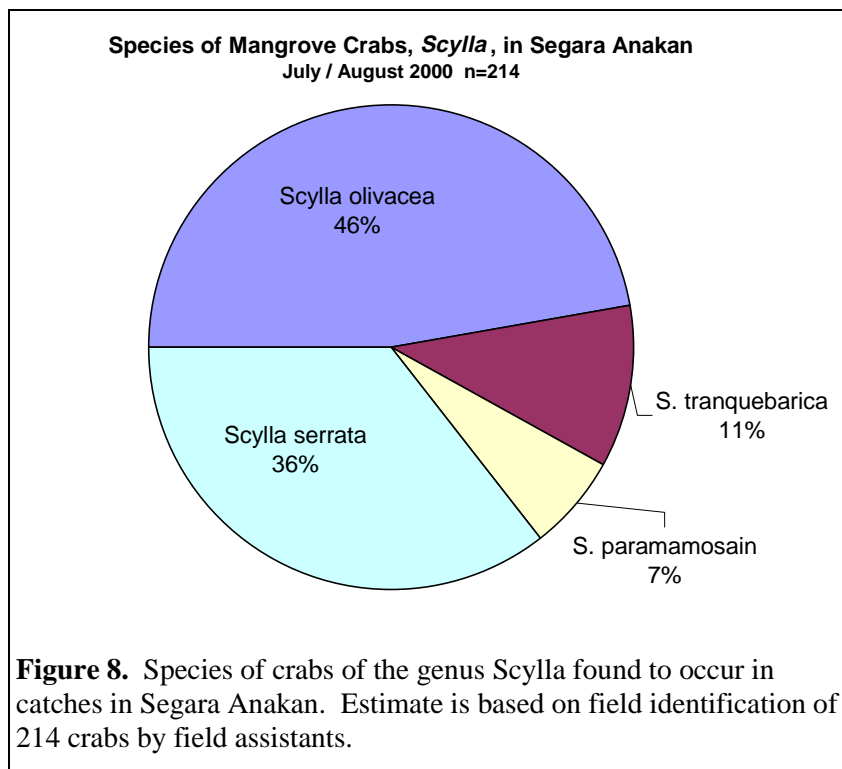


Table 1 . Frequency of occurrence of fish families not shown in Figure 6 and Figure 7. These families comprise most of the fish labeled as "other".

Other Fish Families	Found in this Percent of		
	Apong	Jala	Gillnet
Bagridae	2.4		
Carangidae	34.1	4.6	10.5
Centropomidae	1.6	3.1	
Channidae	4.1	3.1	5.3
Clupeidae	2.4		
Engraulidae	48.0		
Ephippidae	0.8		
Gobiidae	8.1		5.3
Haemulidae	8.1	10.8	21.1
Lutjanidae	0.8		
Periophthalmidae	11.4	1.5	
Psetodidae	10.6		
Scombridae	3.3		
Serannidae	2.4		
Sparidae	13.8	13.8	
Synbranchidae	0.8		
Synodontidae	22.0	6.2	21.1
Teraponidae	0.8		
Tetrodontidae	7.3		
Trichiuridae	6.5		



CRABS



APONG

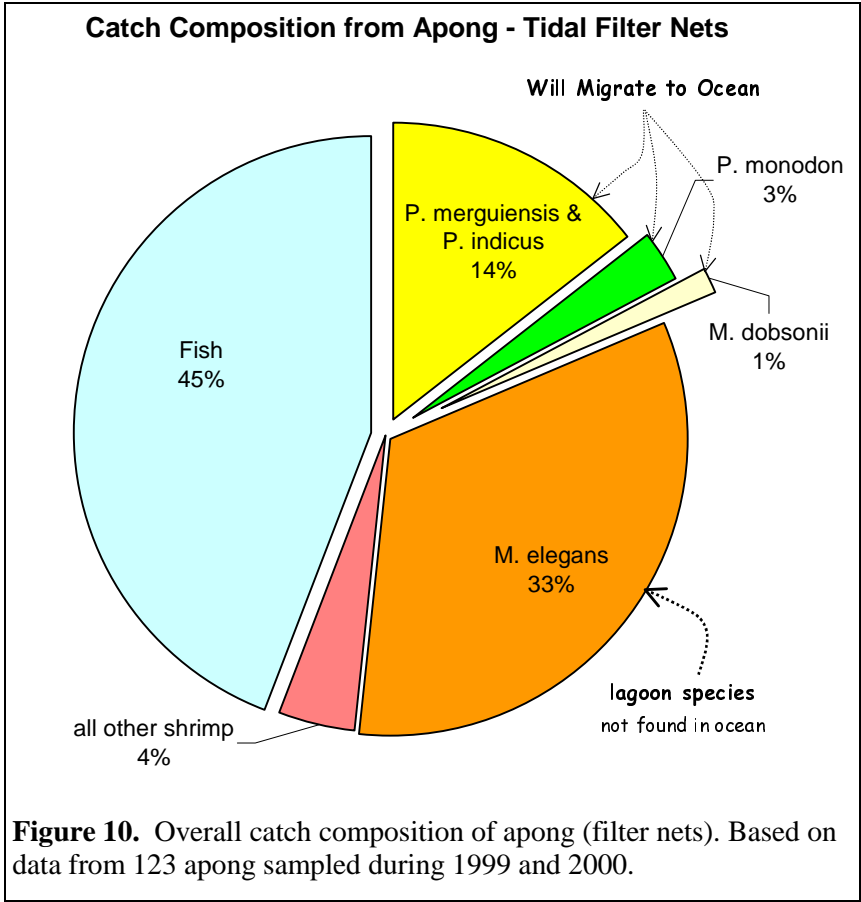


Figure 10. Overall catch composition of apong (filter nets). Based on data from 123 apong sampled during 1999 and 2000.

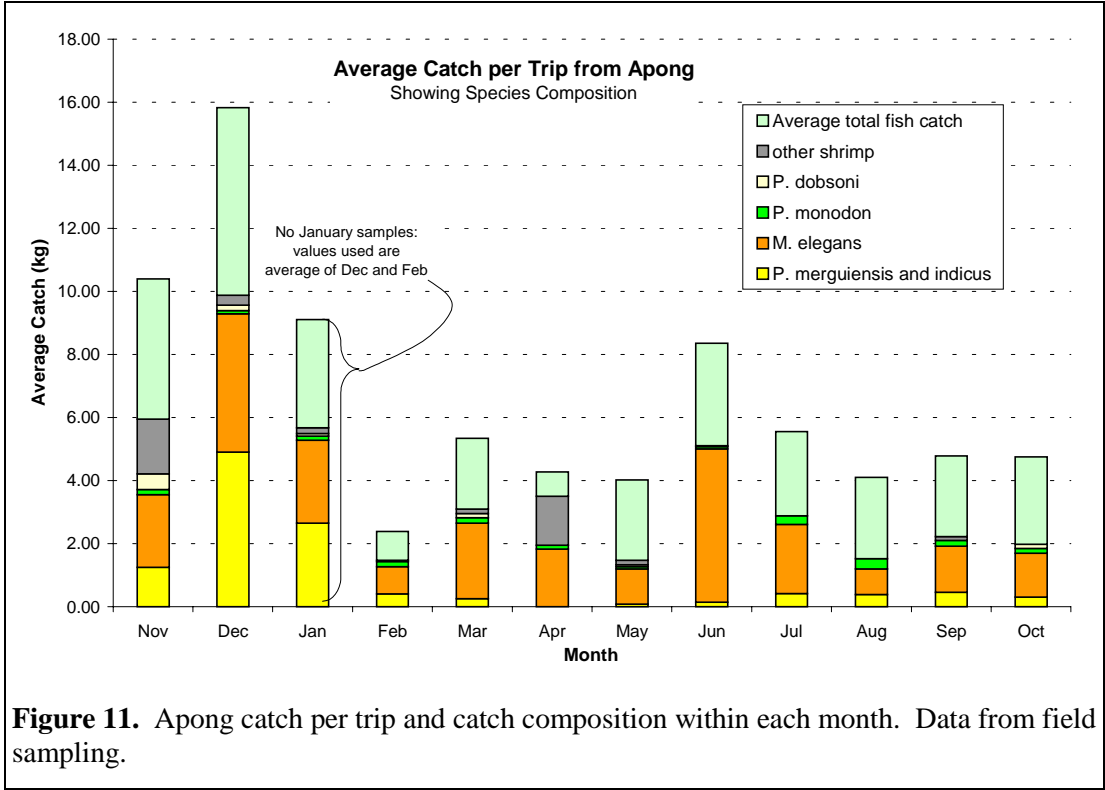
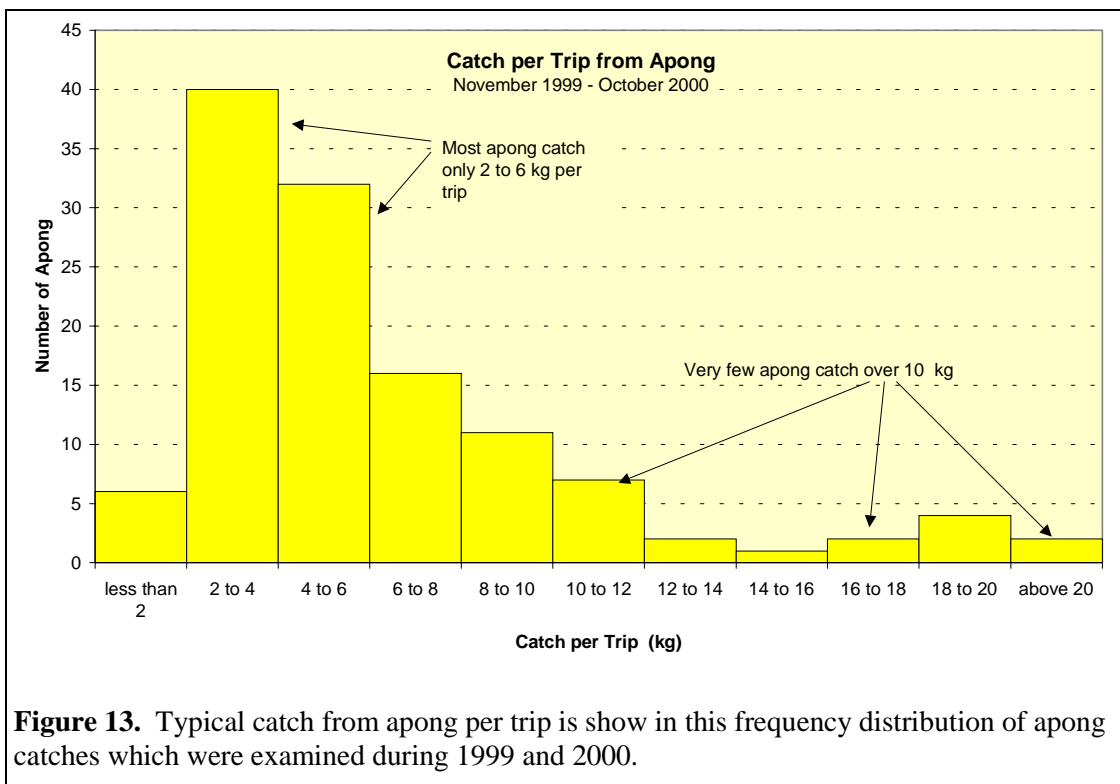
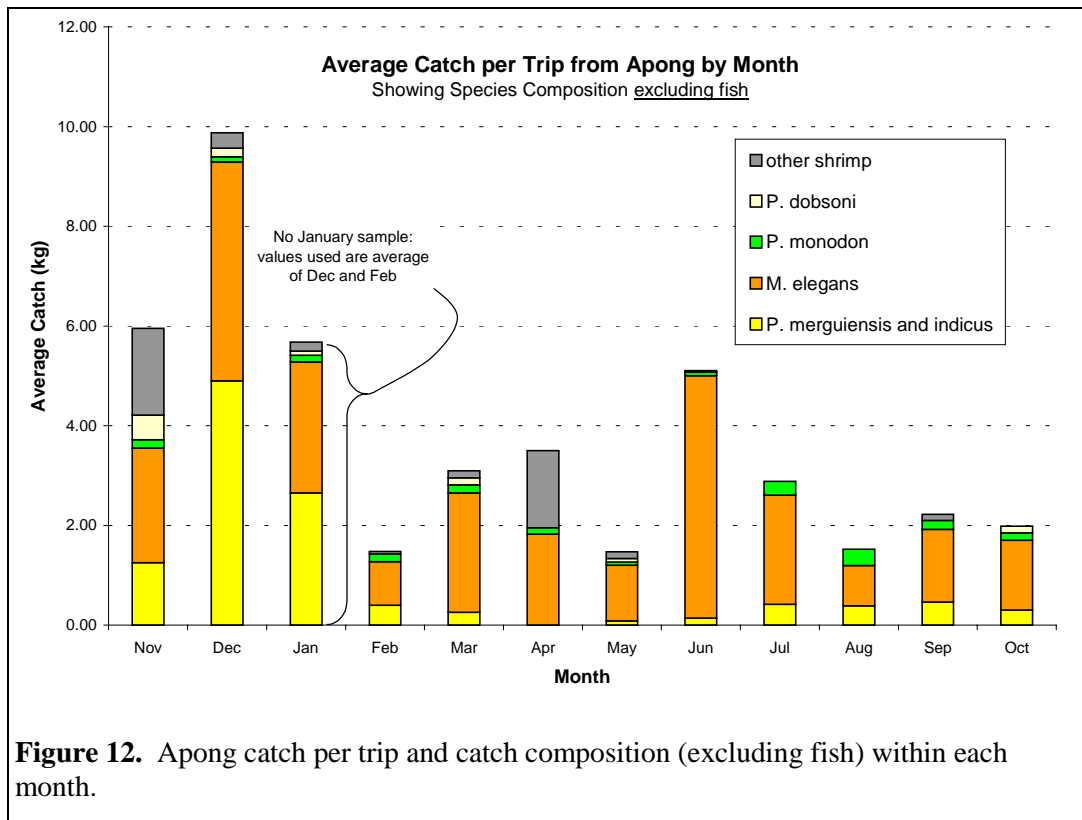


Figure 11. Apong catch per trip and catch composition within each month. Data from field sampling.



JALA

