

Summary Table of Yellowtail Snapper, (*Ocyurus chrysurus*) life history for the Gulf of Mexico. Associations and interactions with environmental and habitat variables are listed with citations.

Life Stage	Season	Location	Temp(°C)	Salinity(ppt)	Oxygen	Depth(m)	Trophic relationships		Habitat Associations and Interactions			
							Food	Predators	Habitat Selection	Growth	Mortality	Production
Eggs	Probably occur during reproductively active season from Feb to October-with 2 peaks Feb-Apr and Sept-Oct	Spawning takes place away from inshore areas										
Citation	1,7	1										
Larvae												
Post Larvae												
Early Juveniles		Found in shallow grass beds, around mangrove roots and amongst jetties and pilings	Preferred temperature is 24-30° C				Generally planktivorous, feeding primarily on zooplankton		Apparently select <i>Thalassia</i> grass beds and mangrove roots as preferred habitats			
Citation		7	8				1,7		7			
Late Juveniles		Inhabit shallow reef areas	Preferred temperature is 24-30° C				Generally planktivorous, feeding primarily on zooplankton		Apparently select shallow reef areas as primary habitat			
Citation		7	8				1,7		7			

Yellowtail Snapper, (*Ocyurus chrysurus*) cont.

Life Stage	Season	Location	Temp(°C)	Salinity(ppt)	Oxygen	Depth(m)	Trophic relationships		Habitat Associations and Interactions			Production
							Food	Predators	Habitat Selection	Growth	Mortality	
Adults		Found on deeper reefs, considered a semi-pelagic wandered over the reef habitat	Taken between lower temperature limit of 18° C and maximum temperature of 34° C			Found from very shallow water to depths of less than 183 m. Generally taken in depths less than 50 m	Feed predominately on benthic and pelagic reef fishes, crustaceans and mollusks		Selects deeper reefs for its semi-pelagic lifestyle	Grow to 14 years of age in south Florida waters, and to 17 years of age in the Caribbean		
Citation		7,6	1,5			1,5	1,4		7,6	2,3		
Spawning Adults	Found from February to October, with 2 spawning peaks - Feb-Apr, and Sept-Oct	Spawning takes place away from inshore areas										Females with hydrated oocytes found May-Sept
Citation	1	1										9

Yellowtail Snapper Table References:

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