

Silk Snapper (*Lutjanus vivanus*) life history for the Gulf of Mexico. Associations and interactions with environmental and habitat variables are listed with citations as footnotes.

Life stage	Eco-region	Habitat Zone	Habitat Type	Season	Temp (°C)	Depth (m)	Prey	Predators	Mortality	Growth
eggs _{1, 2}	ER-1	offshore		year-round		90-200				
larvae _{1, 2}	ER-1	offshore		year-round		90-200				
postlarvae _{1, 2}	ER-1	offshore		year-round		90-200				
early juveniles _{1, 2, 4}	ER-1	offshore		year-round		*30-40*				
late juveniles ₄	ER-1	offshore				*30-40*	fishes, shrimp, crabs	sharks, grouper, barracuda		
adults _{3, 4, 5, 9, 10}	ER-1	offshore	shelf edge/slope, *soft bottom, hard bottom*		*13-27*	90-200	fish, shrimp, crabs, gastropods, cephalopods, tunicates, urochordates	sharks, grouper, barracuda		$L_{inf} = 794$ mm TL, $K = 0.1$, $t_0 = -1.87$, max. age = 9 yrs
spawning adults _{1, 2, 4, 7}	ER-1	offshore		year-round, peak: Jul-Aug		90-200	fishes, shrimp, crabs	sharks, grouper, barracuda		*50% maturity = 500-550 mm FL (females), 380-600 mm FL (males)*

Notes: Information in asterisks comes from studies conducted outside GMFMC jurisdiction

Bold and italicized font indicates proxy data