

Yellowfin Grouper (*Mycteroperca venenosa*) 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	ER-1	offshore				*25-30*				
larvae	ER-1	offshore				*25-30*				
postlarvae	ER-1	offshore				*25-30*				
early juveniles _{2, 5, 7}	ER-1	estuarine, nearshore	SAV			2-4				
late juveniles _{2, 5, 6, 7, 16}	ER-1	estuarine, nearshore	SAV, hard bottom			2-4	*fish, squid, shrimp*			
adults _{1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13}	ER-1	nearshore, offshore	reefs, hard bottom		15-26	2-214	*fish, squid, shrimp*	sharks	vulnerable to fishing pressure	max. length = 900 mm TL, *max. age = 13 yrs, $L_{inf} = 977$ mm TL, $K = 0.14$, $t_0 = -1.50$ *
spawning adults _{2, 5, 7, 9, 11, 12, 13, 14, 15}	ER-1	offshore	*shelf edge/slope, reef, hard bottom, banks/shoals*	Mar-Aug		*25-30*			fishing may affect sex ratios	protogynous; smallest males found at 540 mm TL; *50% maturity = 561 mm TL and 4.66 yrs (female); 50% transition = 716-871 mm TL and 8-9 yrs*

Notes: ***Bold and italicized font indicates proxy data***

Information in asterisks comes from studies conducted outside GMFMC jurisdiction