

Summary Table of Greater Amberjack, (*Seriola dumerili*) 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			Production
							Food	Predators	Habitat Selection	Growth	Mortality	
Eggs				Open Gulf Salinity: 30-35ppt						Hatching in 2 days		
Citation										16		
Larvae	Year-round for all <i>Seriola</i> spp. (not ID to species).	Assumed in offshore open waters	Most likely warm, summer temperatures	Open Gulf salinity 30-35ppt								
Citation	1,16	17	22	22								
Post Larvae	Summer	Pelagic, Offshore		Open Gulf salinity 30-35ppt								
Citation	22	15		22								
Juveniles	Summer-Fall	Often associated with "rip" lines and floating structures. Pelagic, offshore nearshore records		Open Gulf salinity (30+)		Pelagic, but no measurements	Invertebrates		Will seek out rip lines only floating plants. FL specimens found w/ <u>Sargassum</u> .			
Citation	22	16,22		22			22		14,18,20,22		2,8	

No data available for environmental factors (Temp, Sal, Oxygen) predators, growth, mortality and production

Greater Amberjack, (<i>Seriola dumerili</i>) cont.												
Life Stage	Season	Location	Temp(°C)	Salinity(ppt)	Oxygen	Depth(m)	Trophic relationships		Habitat Associations and Interactions			
							Food	Predators	Habitat Selection	Growth	Mortality	Production
Adults	Year round, not as common in colder seasons, suggestion of migration to warmer parts of GOM	Widespread over much of GOM	Becomes more scarce in N. GOM under 18-20°C in fall	Open Gulf Salinity (30+)		Widespread surface to several hundred m (few obs. suggest may go much deeper)	Top level predator - variety of fishes, crustaceans and cephalopods		Off Louisiana strongly associated with rig structures		Males shorter lifespan (to 7 yrs) than females (to 15yrs) GOM. Males shorter lifespan (to 8 than females (to 10) in S. GOM.	
Citation	5,22	4	22	22		19	4,22		22		5,22	
Spawning Adults	Little data. N. GOM spawning from May to July, may be as early as April based on histology	Offshore waters		Probably open Gulf Salinity 30-35ppt		Same as adults			Probably same as adults			
Citation	22	17,22							22			

Little or no data on spawning adults

Citations for the genus, Seriola.

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