

Royal Red Shrimp (*Pleoticus robustus*) 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 <sub>1, 3, 4, 5</sub>		offshore	shelf edge/slope	year-round	9-12	250-550				
larvae						<b><i>250-550</i></b>				
postlarvae						<b><i>250-550</i></b>				
early juveniles						<b><i>250-550</i></b>				
late juveniles						<b><i>250-550</i></b>				
adults <sub>1, 2, 3, 4, 5, 7, 8, 9, 10</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	offshore	shelf edge/slope, soft bottom, sand/shell, *reefs*	year-round	5-15	140-730	small benthic organisms			*max. length = 184 mm (male), 229 mm (female); can live up to 5 years*
spawning adults <sub>1, 3, 7</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	offshore	shelf edge/slope	year-round		250-550				*maturity = 125 mm TL (male), 155 mm TL (female)*

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

Information in asterisks comes from studies conducted outside GMFMC jurisdiction

Adults: salinity = 33.1-36.0 ppt<sub>6</sub>

DO = 3.5-9.0 mg/l<sub>6</sub>