

Gray Triggerfish (*Balistes capriscus*) 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>2, 4, 10, 17, 19, 21, 24, 27, 28</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	nearshore, offshore	reefs	late spring, summer		<b>10-100</b>		wrasses, <i>Lutjanus campechanus</i>		hatch in 48-55 hrs
larvae <sub>11, 21, 31</sub>	ER-1, ER-2, ER-3, ER-4, ER-5		WCA, drifting algae							spend 4-7 months in pelagic zone
postlarvae <sub>1, 5, 18, 31</sub>	ER-1, ER-2, ER-3, ER-4, ER-5		WCA, drifting algae					tuna		spend 4-7 months in pelagic zone
early juveniles <sub>1, 5, 6, 7, 18, 31</sub>	ER-1, ER-2, ER-3, ER-4, ER-5		drifting algae, *mangrove*				algae, hydroids, barnacles, polychaetes	tuna, blue marlin, dolphinfish, sailfish, sharks		spend 4-7 months in pelagic zone
late juveniles <sub>1, 5, 6, 7, 18, 29</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	nearshore, offshore	drifting algae, *mangrove*, reefs			<b>10-100</b>	algae, hydroids, barnacles, polychaetes		*Z = 0.95, M = 0.28*	

adults <sub>1, 3, 6, 7, 8, 9, 15, 16, 20, 23, 25, 26, 27, 29, 33, 34</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	nearshore, offshore	hard bottom, reefs			10-100	bivalves, barnacles, polychaetes, decapod crabs, gastropods, sea stars, sea cucumbers, brittle stars, sea urchins, sand dollars	greater amberjack, sharks, groupers	predation, recreational fishery (age 3), commercial fishery (age 4). *Z = 0.95, M=0.28*	rapid in year one, then slows. Relatively long lived. $L_{inf} = 589.7$ mm FL, $K = 0.014$ , $t_0 = -1.66$ , max. age = 15 yrs
spawning adults <sub>1, 3, 6, 7, 8, 9, 15, 16, 20, 23, 25, 26, 27, 30</sub>	ER-1, ER-2, ER-3, ER-4, ER-5	nearshore, offshore	reefs	late spring, summer	20.9-30.0	10-100	bivalves, barnacles, polychaetes, decapod crabs, gastropods, sea stars, sea cucumbers, brittle stars, sea urchins, sand dollars	greater amberjack, sharks, groupers.	predation, recreational fishery (age 3), commercial fishery (age 4)	rapid in year one, then slows. Relatively long lived. Males larger than females

Notes: Fecundity estimates: 300 mm = 49,000; 410 mm = 66,000; 560 mm > 90,000  
Information in asterisks comes from studies conducted outside GMFMC jurisdiction  
Late juveniles, adults: occupy artificial reefs<sub>30</sub>  
Spawning adults: salinity = 29.8-35.6 ppt<sub>30</sub>  
DO = 4.9-6.8 mg/L<sub>30</sub>  
harem spawners<sub>32</sub>  
occupy artificial reefs<sub>30</sub>  
***Bold and italicized font indicates proxy data***