

TABLE S3 | Reproductive parameters of gray triggerfish *Balistes capriscus* estimated in the Atlantic Ocean. $L_{50\%}$: size at maturity in fork length.

Local	Period	Latitude	Sex	L _{50%}	Spawning period	Season	References
Iskenderun bay, Turkey	1998–1999	36.5°N	Both	130	May–July	Mid spring to early summer	Işmen <i>et al.</i> (2004)
Gulf de Gabès, Tunisia	2005–2010	34.2°N	Female	202.6	July–September	Summer	Kacem, Neifar (2014)
			Male	213			
Southeastern USA	1994–1997	32–35°N	Female	177	April, 30 –September, 29	Mid spring to late summer	Kelly-Stormer <i>et al.</i> (2017)
			Male	184			
	2009–2012		Female	190			
			Male	174			
Southeastern USA	1992–1997	32–35°N	Female	158	June–July	Late spring to early summer	Moore (2001)
		Male	180				
Gulf of Mexico, USA		26°N	Female	169			Fitzhugh <i>et al.</i> (2015)
Northwest Gulf of Mexico, USA	2016–2017	26°N	Female	230	June–August	Late spring to summer	Lee (2019)
Espírito Santo, Brazil	2021–2023	19–22°S	Both	231	December–February	Late spring to summer	Present study
			Female	227			
			Male	232			
São Paulo, Brazil	1984–1985	24–25°S	Female	169	November–January	Mid spring to early summer	Bernardes, Dias (2000)
			Male	200			

REFERENCES

- **Bernardes RA, Dias JF.** Aspectos da reprodução do peixe-porco, *Balistes capriscus* (Gmelin) (Actinopterygii, Tetraodontiformes, Balistidae) coletado na costa sul do Estado de São Paulo, Brasil. Rev Bras Zool. 2000; 17(3):687–96. <https://doi.org/10.1590/S0101-81752000000300014>
- **Fitzhugh GR, Lyon HM, Barnett BK.** Reproductive parameters of gray triggerfish (*Balistes capriscus*) from the Gulf of Mexico: sex ratio, maturity and spawning fraction. SEDAR43-WP-03; 2015.
- **Işmen A, Türkoglu M, Yigin CÇ.** The age, growth and reproduction of gray triggerfish. Pak J Biol Sci. 2004; 7(12):2135–38. <https://doi.org/10.3923/pjbs.2004.2135.2138>
- **Kacem H, Neifar L.** The reproductive biology of the grey triggerfish *Balistes capriscus* (Pisces: Balistidae) in the Gulf of Gabès (south-eastern Mediterranean Sea). J Mar Biol Assoc U K. 2014; 94:1531–37. <https://doi.org/10.1017/S0025315414000824>
- **Kelly-Stormer A, Shervette V, Kolmos K, Wyanski D, Smart T, McDonough C et al.** Gray triggerfish reproductive biology, age, and growth off the Atlantic Coast of the Southeastern USA. Trans Am Fish Soc. 2017; 146:523–38. <https://doi.org/10.1080/0028487.2017.1281165>
- **Lee AM.** A Snapshot of the age, growth, and reproductive status of gray triggerfish (*Balistes Capriscus*, Gmelin 1789) on three artificial reefs in the northwest Gulf of Mexico. [Master Dissertation]. Texas: The University of Texas Rio Grande Valley; 2019.
- **Moore JL.** Age, growth and reproductive biology of the gray triggerfish (*Balistes capriscus*) from the southeastern United States, 1992–1997. [Master Dissertation]. South Carolina: University of Charleston; 2001.

HOW TO CITE THIS ARTICLE

- **Santander-Neto J, Vitória NO, Lavander HD, Melo ACM.** Reproductive biology of the gray triggerfish *Balistes capriscus* (Tetraodontiformes: Balistidae) in southeastern Brazil as a tool for fisheries management. Neotrop Ichthyol. 2025; 23(3):e240137. <https://doi.org/10.1590/1982-0224-2024-0137>