

Summary Table of Banded Rudderfish (<i>Seriola zonata</i>) 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												
Citations												
Larvae	All months except February, April, September, December	Gulf stream off FL, Biscayne Bay-FL, S&E GOM, Yucatan Channel										
Citations	1	1										
Post Larvae	Probably same as larvae											
Citations												
Juveniles	Nearly all year in GOM, small juveniles taken in April	Offshore waters								Also associated with jellyfish and drifting weeds w/ <u>Sargassum</u> and <u>Physalia</u>		
Citations	1,22	1								18,19		
Adults	Present all year in E. GOM	Pelagic, but confined to coastal waters, not common in central N. GOM.				Pelagic to epibenthic	Fish and shrimp					
Citations	22	10,4,22				4	4					
Spawning Adults	Possibly continuous or two seasons: Winter-Spring and Fall	Offshore water in E. GOM: Yucatan Channel, Straits of Florida										
Citations	1	1										

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

Citations for the genus, Seriola.

1. Aprieto, V.L. Early development of five carangid fishes of the Gulf of Mexico and the south Atlantic coast of the United States. Fish. Bull. 72:415-443.
2. Beasley, M. 1993. Age and growth of greater amberjack, *Seriola dumerilli* (Risso), from the northern Gulf of Mexico. M.S. thesis. Louisiana State University, Baton Rouge, L.A.
3. Berry, F.H. and R.K. Burch. 1979. Aspects of the amberjack fisheries. Proc. 31st Ann. Gulf Caribbean Fish. Inst. 31:179-194.
4. Berry, F.H. and W.F. Smith-Vaniz. 1977. FAO species identification sheets: Carangidae. In: FAO species identification sheets for fishery purposes; western central Atlantic, fishing area 31. W. Fischer (ed.). FAO of the United Nations, Rome.
5. Burch, R.K. 1979. The Greater Amberjack, *Seriola dumerilli*: Its biology and fishery off southeastern Florida. MS Thesis, Univ. Miami. Miami, FL. 113 pp.
6. Ginsburg, I. 1952. Fishes of the family Carangidae of the northern Gulf of Mexico and three related species. Publ. Inst. Mar. Sci., Univ. Texas 2 (2):43-117.
7. Johnson, G.D. 1978. Development of fishes of the Mid-Atlantic Bight, An Atlas of egg, larval and juvenile stages. Carangidae through Ehippidae. Vol. IV. U.S. Fish and Wildlife Serv. Biol. Serv. Prog. FWS/OBS-78/12.
8. Laroche, W.A., W.F. Smith-Vaniz, and S.L. Richardson. 1984. Carangidae: development, pp. 510-522. In: Ontogeny and systematics of fishes. H.G. Moser, W.J. Richards, D.M. Cohen, M.P. Fahay, A.W. Kendall, and S.L. Richardson (eds.). Spec. Publ. No. 1, Amer. Soc. Ichthy. Herp. Allen Press, Lawrence, K.S.
9. Mather, F.J. 1952. Three species of fishes, genus *Seriola*, in the waters of Cape Cod and vicinity. Copeia 1952:209-210.
10. Mather, F.J. 1958. A preliminary review of the amberjacks, genus *Seriola*, of the western Atlantic. Proc. Third Inter. Game Fish Conf. 3:1-13.
11. Smith-Vaniz, W.F. 1984. Carangidae: Relationships, pp. 522-530. In: Ontogeny and systematics of fishes. H.G. Moser, W.J. Richards, D.M. Cohen, M.P. Fahay, A.W. Kendall, and S.L. Richardson (eds.). Spec. Publ. No. 1, Amer. Soc. Ichthy. Herp. Allen Press, Lawrence, KS.
12. Smith-Vaniz, W.F. 1986. carangidae, pp. 815-831. In: P. Whitehead, M. Bauchot, J. Hureau, J. Nielson, E. Tortonese (eds.). Fishes of the North-eastern Atlantic and the Mediterranean, Vol. II. UNESCO. Paris.
13. Smith-Vaniz, W.F. and F.H. Berry. 1981. FAO species identification sheets: Carangidae. In: FAO species identification sheets for fishery purposes; eastern central Atlantic, fishing areas 34 & 37. W. Fischer, G. Bianchi, and W.B. Scott (eds.) Dept. of Fisheries and Oceans Canada, Ottawa.
14. Dooley, J.K. 1972. Fishes associated with the pelagic *Sargassum* community. Contrib. Mar. Sci. 16:1-32.
15. Hildebrand, S.F., and L.E. Cable. 1930. Development and life history of fourteen teleostean fishes at Beaufort, N.C. U.S. Bur. Fish. Bull. 46:383-488.
16. Sanzo, L. 1933. Uova, larve e stadi giovanili di *Seriola dumerilli* Risso [in italian]. Mem. R. Com.

Talassogr. Ital. 205. 12 pp.

17. Fahay, M.P. 1975. An annotated list of larval and juvenile fishes captured with surface-towed meter net in the South Atlantic Bight during four *RV Dolphin* cruises between May 1967 and February 1968. NOAA Tech. Rept. NMFS SSRF-685. 39 pp.
18. Schekter, R.C. 1972. Food habits of some larval and juvenile fishes from the Florida Current, near Miami, Florida. U.S. Environ. Prot. Agency Tech. Rept. (unpubl.) 85 pp.
19. McClane, A.J., ed. 1965. McClane's Standard Fishing Encyclopedia. Holt, Rinehart and Winston, Inc., New York. 1057 pp.
20. Randall, J.E. 1968. Caribbean reef fishes. T.F.H. Publications, Neptune City, N.J. 318 pp.
21. Nichols, J.T., and C.M. Breder, Jr. 1927. The marine fishes of New York and southern New England. *Zoologica* (N.Y.) 9(1):1-192.
22. B.A. Thompson, personal communication.