

SEDAR 19
South Atlantic and Gulf of Mexico Black Grouper
South Atlantic Red Grouper
Workshop Document List

Document #	Title	Authors	Working Group
Documents Prepared for the Data Workshop			
SEDAR19-DW-01	Black grouper, <i>Mycteroperca bonaci</i> , standardized catch rates from the Marine Recreational Fisheries Statistics Survey in south Florida, 1991-2008	Robert G. Muller	Indices
SEDAR19-DW-02	A fishery independent index for black grouper, <i>Mycteroperca bonaci</i> , from Florida Fish and Wildlife Research Institute's visual survey in the Florida Keys, 1999-2007	Robert G. Muller and Alejandro Acosta	Indices
SEDAR19-DW-03	Construction of a headboat index for south Atlantic red grouper	Paul Conn	Indices
SEDAR19-DW-04	Construction of a headboat index for black grouper	Paul Conn	Indices
SEDAR19-DW-05	Evaluation of the 1960, 1965, and 1970 U.S. Fish and Wildlife Service salt-water angling survey data for use in the stock assessment of red grouper (Southeast US Atlantic) and black grouper (Southeast US Atlantic and Gulf of Mexico)	Rob Cheshire and Joe O'Hop	Recreational Statistics
SEDAR19-DW-06	Steepness of spawner-recruit relationships in reef fishes of the southeastern U.S.: A prior distribution for possible use in stock assessment	Sustainable Fisheries Branch	Life History
SEDAR19-DW-07	South Atlantic Region Recreational Fishery Catches of Red and Black Grouper, 1981 - 2008 and Gulf of Mexico Landings of Black Grouper.	Tom Sminkey	Recreational Statistics
SEDAR19-DW-08	Length Frequencies and Condition of Released Red Grouper and Black Grouper from At-Sea Headboat Observer Surveys in the Gulf of Mexico and Atlantic Ocean, 2005 to 2007.	Beverly Sauls	Recreational Statistics
SEDAR19-DW-09	Age, growth, and maturity of black grouper (<i>Mycteroperca bonaci</i>) – Crabtree and Bullock (1998) revisited	Joe O'hop and Rick Beaver	Life History
SEDAR19-DW-10	Ault-Smith Notes on Reef-fish Visual Census (RVC) Population Statistics Estimation for Black Grouper (<i>Mycteroperca bonaci</i>) and Red Grouper (<i>Epinephelus mori</i>) in the Florida Keys	Jerald S. Ault and Steven G. Smith	Indices/Life History

	and Dry Tortugas Regions		
SEDAR19-DW-11	Patterns of annual abundance of black and red grouper in the Florida Keys and Dry Tortugas based on reef fish visual census conducted by NOAA NMFS.	G. Walter Ingram, Jr. and Douglas E. Harper	Indices
SEDAR19-DW-12	A fishery independent index for red grouper, <i>Epinephelus morio</i> , from Florida Fish and Wildlife Research Institute's visual survey in the Florida Keys, 1999-2007	Robert G. Muller and Alejandro Acosta	Indices
SEDAR19-DW-13	United States Commercial Vertical Line and Longline Vessel Standardized Catch Rates of Black Grouper the Gulf of Mexico and South Atlantic, 1993-2008	Kevin McCarthy	Indices
SEDAR19-DW-14	United States Commercial Vertical Line Vessel Standardized Catch Rates of Red Grouper in the US South Atlantic, 1993-2008	Kevin McCarthy	Indices
SEDAR19-DW-15	Calculated discards of black grouper from commercial vertical line and longline fishing vessels in the Gulf of Mexico and US South Atlantic	Kevin McCarthy	Commercial Statistics
SEDAR19-DW-16	Calculated discards of red grouper from commercial vertical line fishing vessels in the US South Atlantic	Kevin McCarthy	Commercial Statistics
SEDAR19-DW-17	Patterns of annual abundance of red grouper observed in chevron traps set during the MARMAP Survey (1990 – 2008) in the U.S. South Atlantic.	G. Walter Ingram, Jr. and Jessica Stephen	Indices
SEDAR19-DW-18	Standardized catch rates of Atlantic red grouper (<i>Epinephelus morio</i>) from the North Carolina Commercial Fisheries Trip Ticket Program.	Walter Ingram, Stephanie McNerny, and Alan Bianchi	Indices
SEDAR19-DW-19	Red grouper standardized catch rates from the Marine Recreational Fisheries Statistics Survey for the southeastern U.S. Atlantic Ocean, 1991-2008	Chris Hayes and Robert G. Muller	Indices
SEDAR19-DW-20	Standardized catch rates of black grouper, <i>Mycteroperca bonaci</i> , and red grouper, <i>Epinephelus morio</i> , from Florida's commercial trip tickets, 1991-2008	Robert G. Muller	Indices
SEDAR19-DW-21	Estimated Landings and Discards of Red Grouper in the South Atlantic and Black Grouper in the South Atlantic and Gulf of Mexico Headboat Fishery, 2004-2008.	Ken Brennan	Recreational Statistics

Documents Prepared for the Assessment Workshop		
SEDAR19-AW-01	A hierarchical analysis of red grouper indices.	Paul Conn
SEDAR19-AW-02	Red grouper: Regression and Chapman–Robson estimators of total mortality from catch curve data	Sustainable Fisheries Branch
SEDAR19-AW-03	Additions and Updates to Red Grouper data since the SEDAR 19 Data Workshop	Sustainable Fisheries Branch
SEDAR19-AW-04	Red Grouper: Predecisional Surplus–production Model Results	Sustainable Fisheries Branch
SEDAR19-AW-05	A non-equilibrium surplus production model of black grouper (<i>Mycteroperca bonaci</i>) in southeast United States waters	Robert G. Muller
SEDAR19-AW-06	Catch curves from two periods in the black grouper fishery	Robert G. Muller
SEDAR19-AW-07	A statistical catch-age model for red grouper: mathematical description, implementation details, and computer code.	Sustainable Fisheries Branch
SEDAR19-AW-08	Assessment history of black grouper (<i>Mycteroperca bonaci</i>) in the southeast U. S. waters	Robert G. Muller
Documents Prepared for the Review Workshop		
SEDAR19-RW-01	A statistical catch-age model for red grouper: mathematical description, implementation details, and computer code	Sustainable Fisheries Branch
Final Stock Assessment Reports		
SEDAR19-SAR1	Black Grouper	
SEDAR19-SAR2	Red Grouper	
Reference Documents		
SEDAR19-RD01	Reproduction in the protogynous black grouper (<i>Mycteroperca bonaci</i> (Poey) from the southern Gulf of Mexico	Thierry Brulé, Ximena Renán, Teresa Colás-Marrufo, Yazmin Hauyon, and Armin N. Tuz-Sulub
SEDAR19-RD02	Life history of red grouper (<i>Epinephelus morio</i>) off the coasts of North Carolina and South Carolina	Julian M. Burgos, George R. Sedberry, David M. Wyanski, and Patrick J. Harris
SEDAR19-RD03	Trends in catch data and estimated static SPR values for fifteen species of reef fish landed along the southeastern United States	Jennifer C. Potts and Ken Brennan
SEDAR19-RD04	Density, species and size distribution of groupers (Serranidae) in three habitats at Elbow Reef, Florida Keys	Robert Sluka, Mark Chiappone, Kathleen M. Sullivan, Thomas A. Potts, Jose M. Levy, Emily F. Schmitt and Geoff Meester
SEDAR19-RD05	Population genetic analysis of red grouper,	M. S. Zatzoff, A. O. Ball and G. R.

	<i>Epinephelus morio</i> , and scamp, <i>Mycteroperca phenax</i> , from the southeastern U.S. Atlantic and Gulf of Mexico	Sedberry
SEDAR19-RD06	The 1960 Salt-Water Angling Survey, USFWS Circular 153	J. R. Clark
SEDAR19-RD07	The 1965 Salt-Water Angling Survey, USFWS Resource Publication 67	D. G. Deuel and J. R. Clark
SEDAR19-RD08	1970 Salt-Water Angling Survey, NMFS Current Fisheries Statistics Number 6200	D. G. Deuel
SEDAR19-RD09	Age, growth, and reproduction of black grouper, <i>Mycteroperca bonaci</i> , in Florida waters	Roy E. Crabtree and Lewis H. Bullock
SEDAR19-RD10	Age and growth of the warsaw grouper and black grouper from the southeast region of the United States	Charles S. Manooch, III and Diane L. Mason
SEDAR19-RD11	The influence of spear fishing on species composition and size of groupers on patch reefs in the upper Florida Keys	Robert D. Sulka and Kathleen M. Sullivan
SEDAR19-RD12	Aspects of fishing and reproduction of the black grouper <i>Mycteroperca bonaci</i> (Poey, 1860) (Serranidae: Epinephelinae) in the Northeastern Brazil	Simone Ferreira Teixeira, Beatrice Padovani Ferreira and Isáiras Pereira Padovan**
SEDAR19-RD13	Diet composition of juvenile black grouper (<i>Mycteroperca bonaci</i>) from coastal nursery areas of the Yucatan Peninsula, Mexico	Thierry Brulé, Enrique Puerto-Novelo, Esperanza Pérez-Díaz, and Ximena Renán-Galindo
SEDAR19-RD14	Life history of the red grouper (<i>Epinephelus morio</i>) off the North Carolina and South Carolina coast	Julian M. Burgos
SEDAR19-RD15	Mean Size at Age: An Evaluation of Sampling Strategies with Simulated Red Grouper Data	C. Phillip Goodyear
SEDAR19-RD16	Evaluation of average length as an estimator of exploitation status for the Florida coral reef fish community.	Ault, J.S., S.G. Smith, and J.A. Bohnsack
SEDAR19-RD17	A retrospective (1979-1996) multispecies assessment of coral reef fish stocks in the Florida Keys	Ault, J.S., J.A. Bohnsack, and G.A. Meester
SEDAR19-RD18	Building sustainable fisheries in Florida's coral reef ecosystem: positive signs in the Dry Tortugas.	Ault, J.S., S.G. Smith, J.A. Bohnsack, J. Luo, D.E. Harper, and D.B. McClellan
SEDAR19-RD19	Are the coral reef finfish fisheries of south Florida sustainable?	Ault, J.S., S.G. Smith and J.T. Tilmant
SEDAR19-RD20	Fishery management analyses for reef fish in Biscayne National Park: bag & size limits	Ault, J.S., S.G. Smith, and J.T. Tilmant
SEDAR19-RD21	Site characterization for Biscayne National Park: assessment of fisheries resources and	Ault, J.S., S.G. Smith, G.A. Meester, J. Luo, and J.A. Bohnsack

	habitats	
SEDAR19-RD22	Baseline Multispecies Coral Reef Fish Stock Assessment for the Dry Tortugas	Jerald S. Ault, Steven G. Smith, Geoffrey A. Meester, Jiangang Luo, James A. Bohnsack, and Steven L. Miller
SEDAR19-RD23	Movement of yellowtail snapper (<i>Ocyurus chrysurus</i> Block 1790) and black grouper (<i>Mycteroperca bonaci</i> Poey 1860) in the northern Florida Keys National Marine Sanctuary as determined by acoustic telemetry	James Lindholm, Les Kaufman, Steven Miller, Adam Wagschal and Melinda Newville
SEDAR19-RD24	Coral reef fish response to FKNMS management zones: the first ten years (1997-2007)	James A. Bohnsack, Douglas E. Harper, David B. McClellan, and G. Todd Kellison and Jerald S. Ault, Steven G. Smith, Natalia Zurcher
SEDAR19-RD25	Reef fish movements and marine designs	Nick Farmer
SEDAR19-RD26	A Cooperative Multi-agency Reef Fish Monitoring Protocol for the Florida Keys Coral Reef Ecosystem	Marilyn E. Brandt, Natalia Zurcher, Alejandro Acosta, Jerald S. Ault, James A. Bohnsack, Michael W. Feeley, Doug E. Harper, John Hunt, Todd Kellison, David B. McClellan, Matt E. Patterson, Steven G. Smith
SEDAR19-RD27	The Natural Mortality Rate of Gag Grouper: A Review of Estimators for Data-Limited Fisheries	Trevor J. Kenchington
SEDAR19-RD28	Population Assessment of the Scamp, <i>Mycteroperca phenax</i> , from the Southeastern United States	Charles S. Manooch, III, Jennifer C. Potts, Michael L. Burton, and Patrick J. Harris
SEDAR19-RD29	A Review for Estimating Natural Mortality in Fish Populations	Kate. I. Siegfried & Bruno Sansó
SEDAR19-RD30	Bottom longline fishery bycatch of black grouper from observer data	Loraine Hale and John Carlson
SEDAR19-RD31	Characterization of the shark bottom longline fishery: 2007	Loraine Hale, Lisa D. Hollensead, and John Carlson
SEDAR19-RD32	2009 Gulf of Mexico Red Grouper Update Report	
SEDAR19-RD33	Aspects of the Life History of Red Grouper, <i>Epinephelus morio</i> , Along the Southeastern United States	John C. McGovern, Julian M. Burgos, Patrick J. Harris, George R. Sedberry, Joshua K. Loefer, Oleg Pashuk and Daniel Russ
SEDAR19-RD34	User Manual for Stock Synthesis Model Version 3.04	Richard D. Methot Jr.