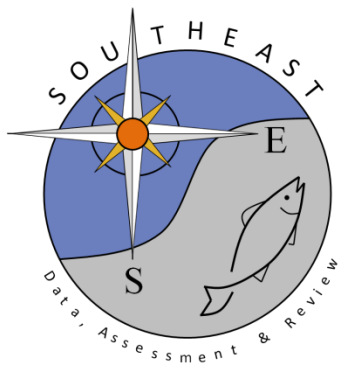


Atlantic Red Snapper (*Lutjanus campechanus*) Historical Fishing Pictures

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SEDAR41-DW24

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**SOUTHEAST DATA, ASSESSMENT AND REVIEW (SEDAR 41), Data Workshop (DW) Working Paper
Atlantic Red Snapper (*Lutjanus campechanus*) Historical Fishing Pictures**

**From Rusty Hudson on behalf of the Southeastern Fisheries Association,
East Coast Fisheries Section membership**

July 21, 2014

Summary

Southeastern Fisheries Association- East Coast Fisheries Section provides SEDAR 41, like SEDAR 24, a cache of historical deep sea for-hire fishing pictures accurately dated during the 1950's to the 1970's. This collection is from the Ponce de Leon Inlet, Greater Daytona Beach, Volusia County, Florida region. The historically professional photographs are significant as they demonstrate, visually, the for-hire recreational landings of Red Snapper by day, month and year for this region.

We've supplied the SEDAR 41 DW Panelists an electronic copy of half of the collection, and it has been available on the SEDAR 41 DW website preceding the production of this DW working paper. The other half of the picture collection will be physically available for viewing during the SEDAR DW, August 04-08, 2014, and afterwards. However, the remainder has not yet been electronically scanned into a formatted database to this date.¹

We have coordinated photograph dates (1962-1963) to folders on the SEDAR-41 DW web site, and fishery effort by vessel can be compared with the historical document, SEDAR 24 DW RD-57² [1962-1963]. Average Red Snapper size during 1962 was about 5 pounds whole weight, when referenced from 447 historical photographs, and consisted of 12 vessels that represented 80% of the for-hire deep sea bottom fishing effort for the Ponce de Leon Inlet region for that year.

The following year, 1963, the field biologists working with the US Department of the Interior intercepted a number of offshore Port Canaveral's Red Snapper landings by month for that year and those samples averaged 8 pounds whole weight. However, that published assessment did not sample the northern region (i.e. Ponce Inlet area) during 1963, where the 447 photographs dated during 1962 had been made available from Inlet Harbor. We are providing electronic and physical photographic evidence of Red Snapper for length to weight conversions from the 1963 Inlet Harbor collection to provide a more complete spatial coverage of average weight estimates for 1963.

SEDAR 24 DW RD-62³ [1969] is a report that shows 1965 Red Snapper tagging & recaptures rates from a fishing Florida tournament, compares Red Snapper size ranges, estimated length & weight, and growth. Area C, the region from the Northeast Florida area south below Port Canaveral, had 54 Red Snapper tags, 15 recaptured, in Table 2 with an 18% return rate. Time at liberty were analyzed includes historical.

Also available are the scanned and physical photographs from the 1950's to the 1970's for discussion. S-41 1962 Red Snapper & S-41 1963 Red Snapper photographic folders from this author have been made available on the S-41 FTP web site.

¹ July 21, 2014

² 1965 Anderson & Gehringer

http://www.sefsc.noaa.gov/sedar/download/SEDAR24-RD57_Anderson1965.pdf?id=DOCUMENT

³ 1969 Beaumariage

http://www.sefsc.noaa.gov/sedar/download/SEDAR24-RD62_Beaumariage1969.pdf?id=DOCUMENT