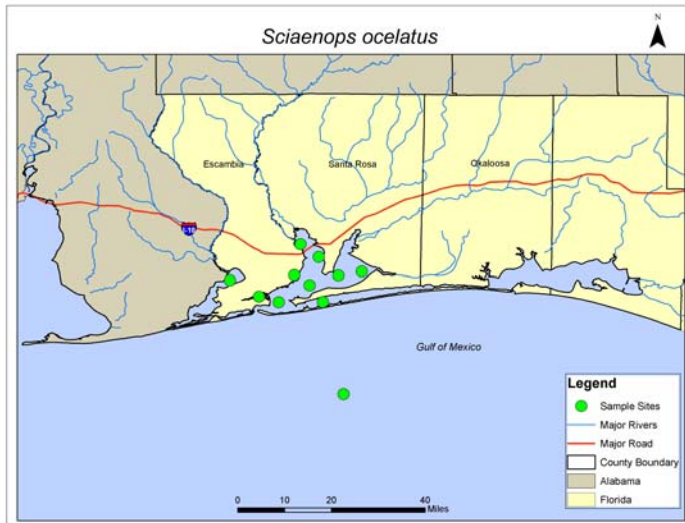


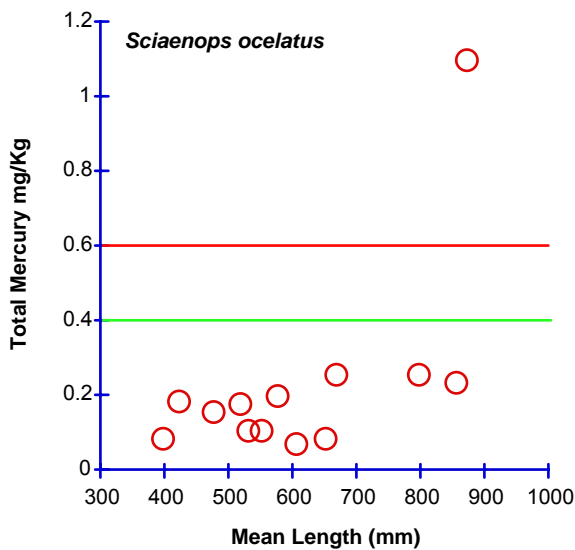
**Red Drum**  
*Sciaenops ocellatus*

**Sample Locations**



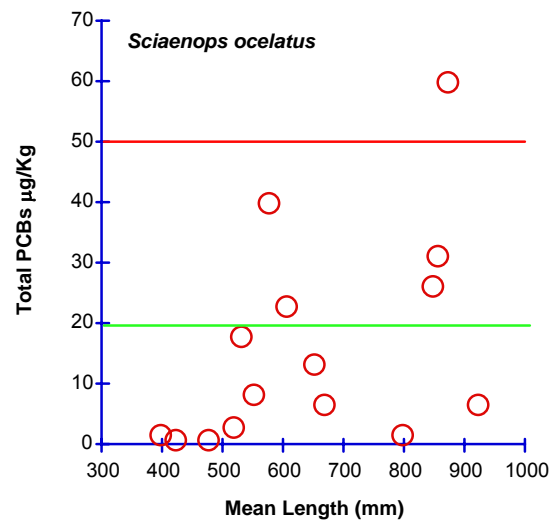
Fifteen samples including 28 fish from 10 locations were analyzed. With the exception of a single sample, mercury content increased slightly with size but was low in all samples. PCB content increased with size, with 5 samples over the US EPA screening value. Three fish had TEQ values that exceeded that US EPA screening value.

**Mercury Content**

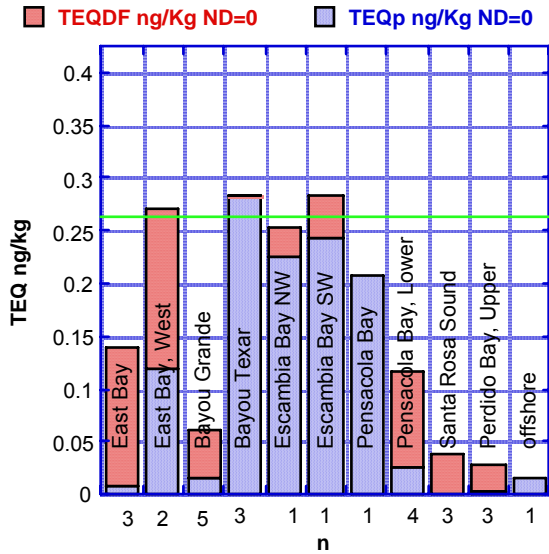


Red line: State of Florida action limit at 0.6 mg/kg.  
Green line: US EPA recreational consumption action limit at 0.4 mg/kg.

**PCB Content**



Red line: State of Florida action limit at 50 µg/kg  
Green line: US EPA recreational consumption action limit at 20 µg/kg



Toxicity of PCB molecules as a Toxic Equivalency Quotient (TEQ). The US EPA recreational consumption action limit for TEQ at 0.256 ng/kg is indicated by the green line.

Location	n	Mean Lgth (mm)	Mean Wght (g)	Age	% Lipid	TEQ <sub>DF</sub> ng/kg ND=0	TEQ <sub>P</sub> ng/kg ND=0	TEQ <sub>DFP</sub> ng/kg ND=0	ΣPCBs ug/kg	Hg mg/kg	LAT	LONG
Pens. Bay	1	845	6730	14.0			0.248		<b>26.400</b>		30.407	-87.141
Pens. Bay	1	920	10510	15.0	0.10		0.167		6.690		30.407	-87.141
Bayou Grande	1	395	560.0	1.2	0.30	0.027	0.002	0.0286	1.729	0.090	30.372	-87.297
Bayou Grande	4	526	1447.5	1.3	0.40	0.068	0.027	0.0946	18.233	0.110	30.372	-87.297
Bayou Texar	3	550	1616.7	1.3	0.30	0.001	<b>0.283</b>	<b>0.2840</b>	8.310	0.110	30.439	-87.188
East Bay	3	515	1250.0	1.0	0.30	0.131	0.008	0.1389	3.053	0.180	30.450	-86.980
East Bay, W	1	667	3080.0	2.0	0.20	0.012	0.130	0.1422	6.897	0.260	30.437	-87.052
East Bay, W	1	868	5060.0	8.0	0.20	<b>0.288</b>	0.110	<b>0.3985</b>	<b>60.322</b>	1.100	30.470	-87.052
Escambia Bay NW	1	650	2730.0	3.0	0.10	0.027	0.226	0.2536	13.658	0.092	30.533	-87.169
Escambia Bay SW	1	601	1810.0	2.0	0.20	0.041	0.242	<b>0.2827</b>	<b>23.153</b>	0.073	30.494	-87.113
Offshore	1	796	4630.0		0.30	0.000	0.015	0.0154	1.650	0.26	30.071	-87.035
Pensacola Bay, Lower	3	473	976.7	1.0	0.20	0.020	0.001	0.0204	0.916	0.160	30.355	-87.236
Pensacola Bay, Lower	1	853	6230.0	17.0	0.40	0.165	0.048	0.2134	<b>31.314</b>	0.240	30.355	-87.236
Perdido Bay Upper	3	420	740.0	1.0	0.20	0.024	0.003	0.0271	1.150	0.190	30.420	-87.387
Santa Rosa Sound	3	573	1250.0	2.0	0.20	0.038	0.000	0.0380	<b>40.304</b>	0.200	30.356	-87.100