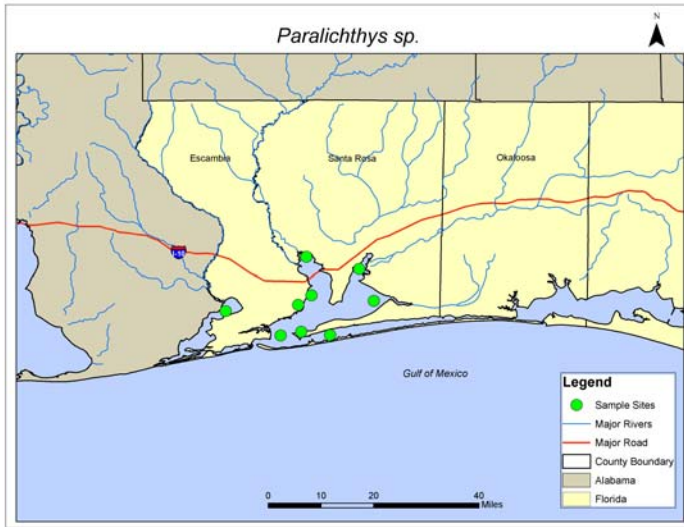




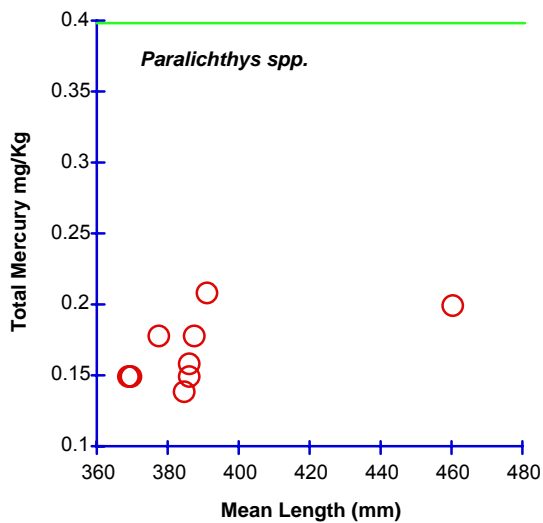
Flounder *Paralichthys spp.*

Sample Locations



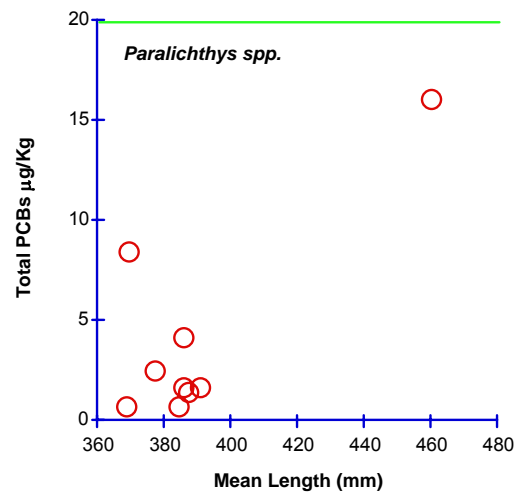
Fish were collected at various locations within the bay system. While there appeared a tendency for elevated mercury and PCBs with size, no fish exceeded US EPA thresholds for these compounds. One sample from the lower Escambia river did have an elevated TEQ value.

Mercury Content

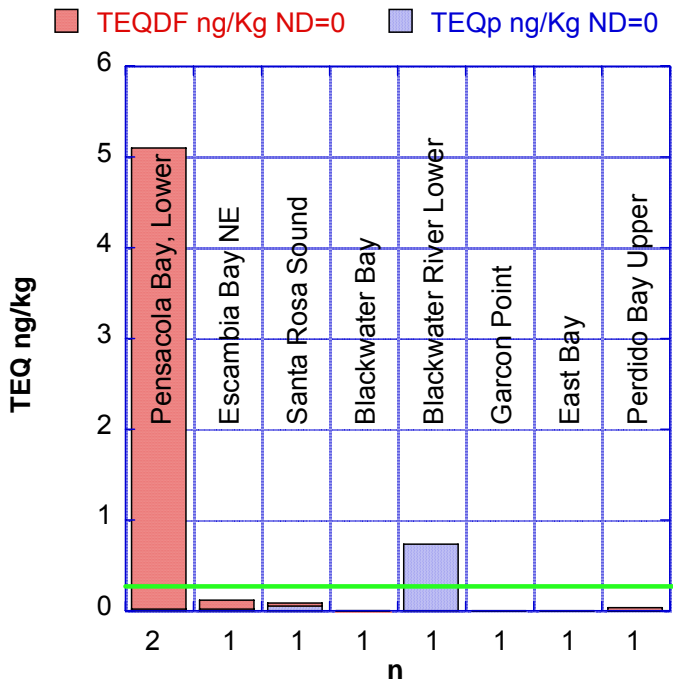


Green line: US EPA recreational consumption action limit at 0.40 mg/kg

PCB Content



Red line: State of Florida action limit 50 µg/kg. Green line: US EPA recreational consumption limit 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 Length (mm)	Mean Weight (g)	% Lipids	TEQ _{DF} ng/kg ND=0	TEQ _P ng/kg ND=0	TEQ _{DFP} ng/kg ND=0	ΣPCBs ug/kg	Hg mg/kg	LAT	LONG
Pensacola Bay, Lower	3	368	550.0	0.10	10.039	0.0014	10.041	0.711	0.150	30.355	-87.236
Blackwater Bay	3	384	596.7	0.10	0.0004	0.0009	0.0013	0.823	0.140	30.536	-87.020
Blackwater River Lower	4	385	607.5	0.30		0.7334		4.224	0.150	30.536	-87.020
East Bay	3	387	616.7	0.20	0.0000	0.0021	0.0021	1.420	0.180	30.450	-86.980
Garcon Point	3	386	613.3	0.30	0.0000	0.0030	0.0030	1.740	0.160	30.465	-87.151
Escambia Bay NE	3	369	684.6	0.30	0.1053	0.0201	0.1254	8.511	0.150	30.569	-87.165
Pensacola Bay, Lower	3	460	1160.0	0.40	0.1130	0.0316	0.1446	16.065	0.200	30.355	-87.236
Perdido Bay Upper	3	390	650.0	0.20	0.0350	0.0033	0.0383	1.718	0.210	30.422	-87.387
Santa Rosa Sound	3	377	682.5	0.40	0.0370	0.0493	0.0863	2.598	0.180	30.356	-87.100