

DDT, PCB and Benzo(a)pyrene Levels in White Croaker (*Genyonemus lineatus*) from Southern California

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ABSTRACT

In 1978 the California Department of Fish and Game carried out a major, independent sportfishing survey in southern California. The results of that survey indicated that approximately one million angler-trip hours per year were spent fishing and that one in three fish caught was a white croaker (*Cenyonemus lineatus*). There was no attempt by the Department of Fish and Game to determine the disposition of caught fish. We conducted a subsequent survey in 1980 which included 12 popular sportfishing sites in the Los Angeles area. Our results also indicated that one in three fish caught was a white croaker. In addition our survey showed that 82% of the sportfishermen ate the white croaker they caught and the median consumption was 14.8 g day⁻¹ person⁻¹. White croaker were then sampled by hook-and-line from 11 of the 12 survey sites plus two control sites and analyzed for PCB, DDT and BaP. Median PCB levels ranged from 0.014 to 0.41 mg wet kg⁻¹ and BaP was below detectable limits of 1 ng for all sites

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