ID: W2893700350

TITLE: Predicting global killer whale population collapse from PCB pollution

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## ABSTRACT:

PCB?still a problem Until they were recognized as highly toxic and carcinogenic, polychlorinated biphenyls (PCBs) were once used widely. Their production was banned in the United States in 1978, though they are still produced globally and persist in the environment. Persistent organic compounds, like PCBs, magnify across trophic levels, and thus apex predators are particularly susceptible to their ill effects. Desforges et al. looked at the continuing impact of PCBs on one of the largest marine predators, the killer whale. Using globally available data, the authors found high concentrations of PCBs within killer whale tissues. These are likely to precipitate declines across killer whale populations, particularly those that feed at high trophic levels and are the closest to industrialized areas. Science, this issue p. 1373

SOURCE: Science

PDF URL: https://science.sciencemag.org/content/sci/361/6409/1373.full.pdf

CITED BY COUNT: 260

**PUBLICATION YEAR: 2018** 

TYPE: article

CONCEPTS: ['Whale', 'Trophic level', 'Apex predator', 'Predation', 'Population', 'Pollution', 'Environmental pollution', 'Ecology', 'Biology', 'Food chain', 'Environmental science', 'Fishery', 'Environmental protection', 'Environmental health', 'Medicine']