

NWFSC Trawl Survey Species ID 1998 - Present



R/V Miller Freeman
AFSC West Coast
Upper Continental Slope
Survey 1988-2001

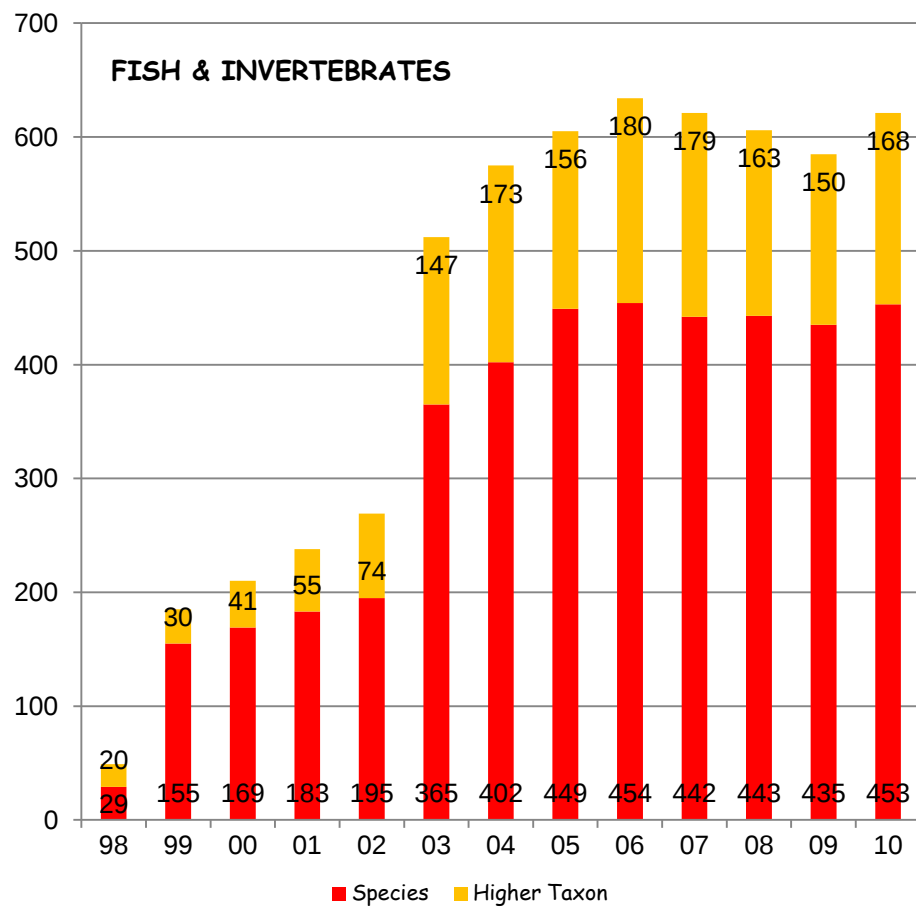
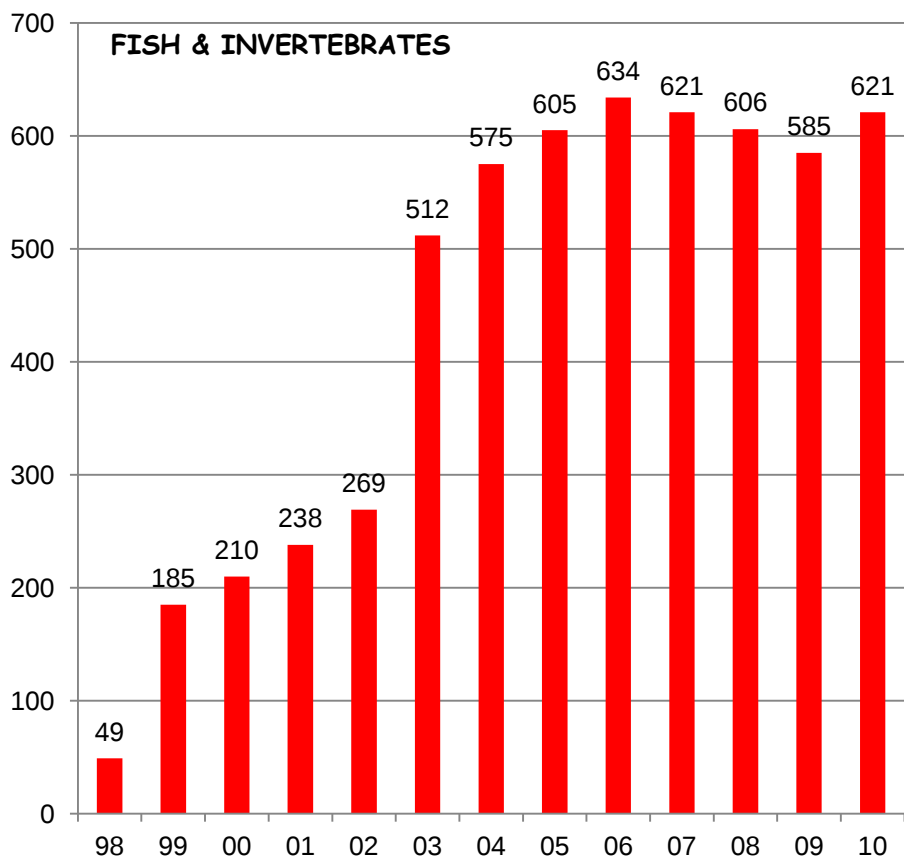


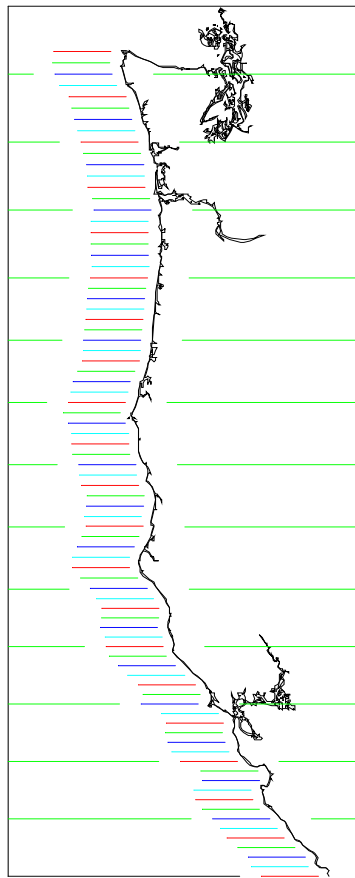
AFSC Triennial Shelf
Survey 1977-2001
NWFSC Triennial Shelf
Survey 2004
Chartered AK
Commercial Trawlers



NWFSC West Coast Upper
Continental Slope Survey
1998-2002
NWFSC West Coast
Groundfish Bottom Trawl
Survey 2003-Present
Chartered West Coast
Commercial Trawlers



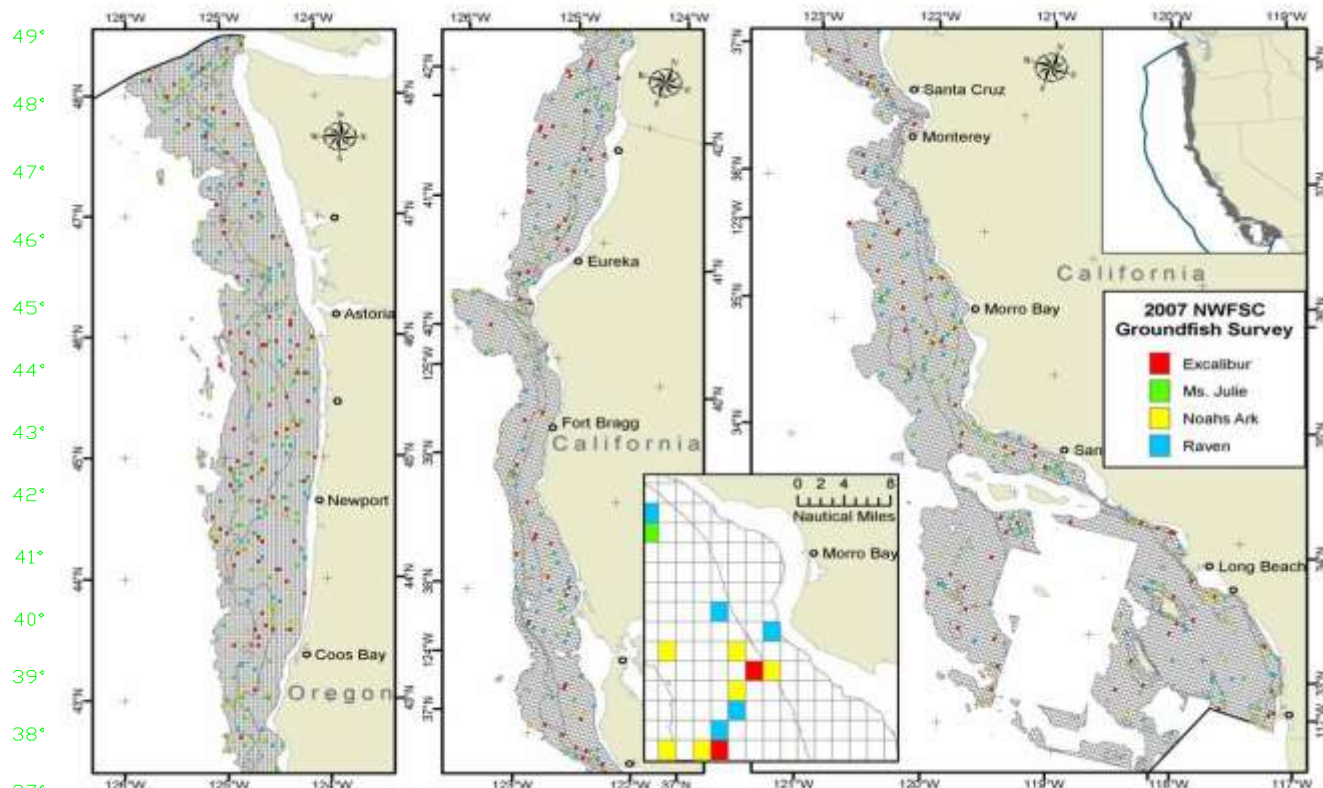




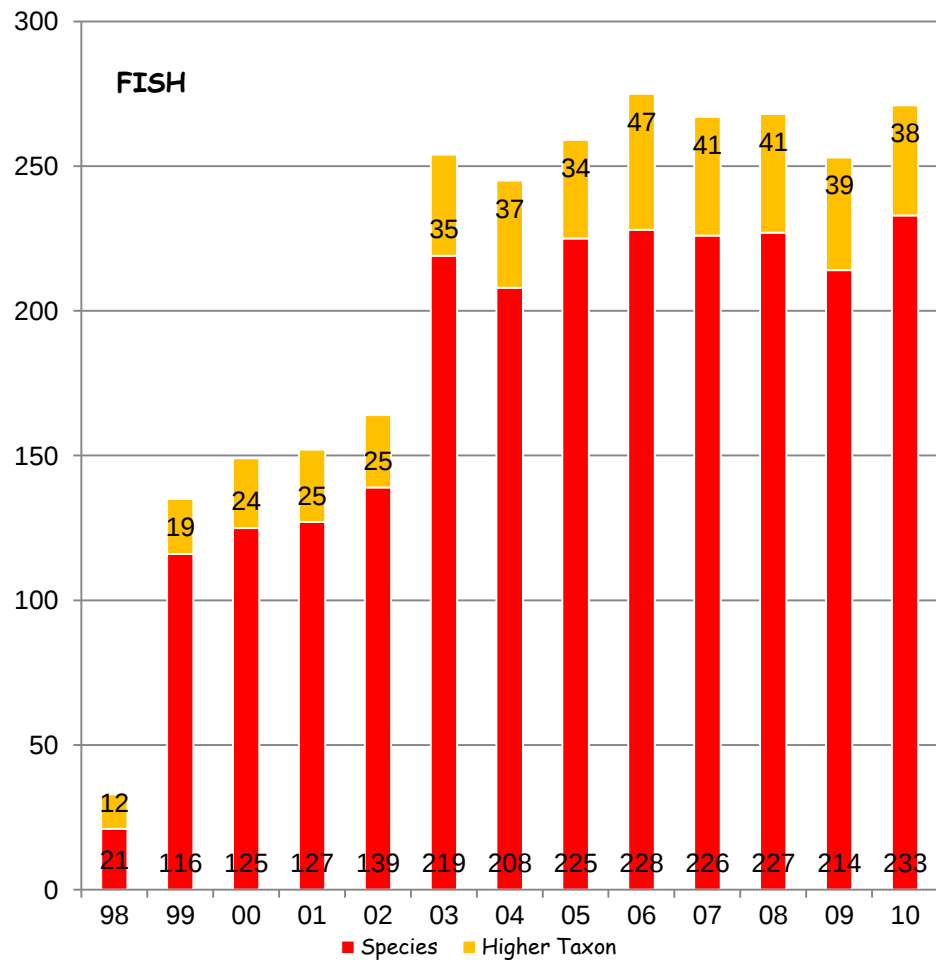
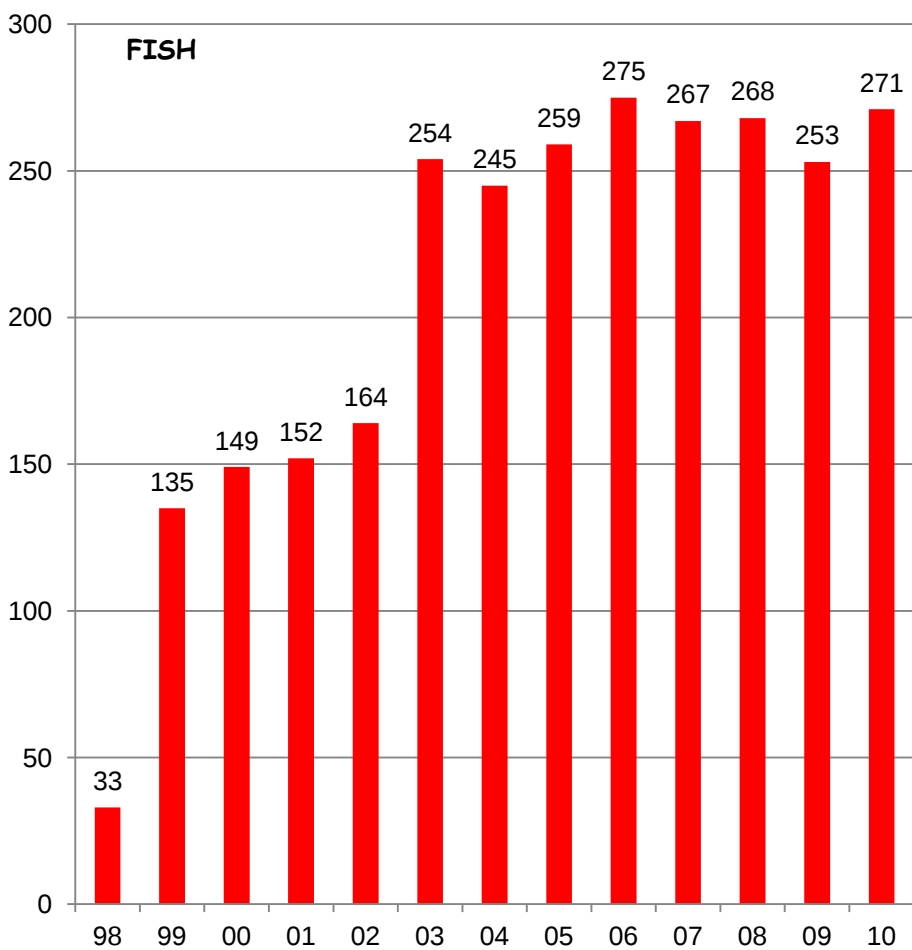
Approximate locations of sampling transects, West Coast slope survey

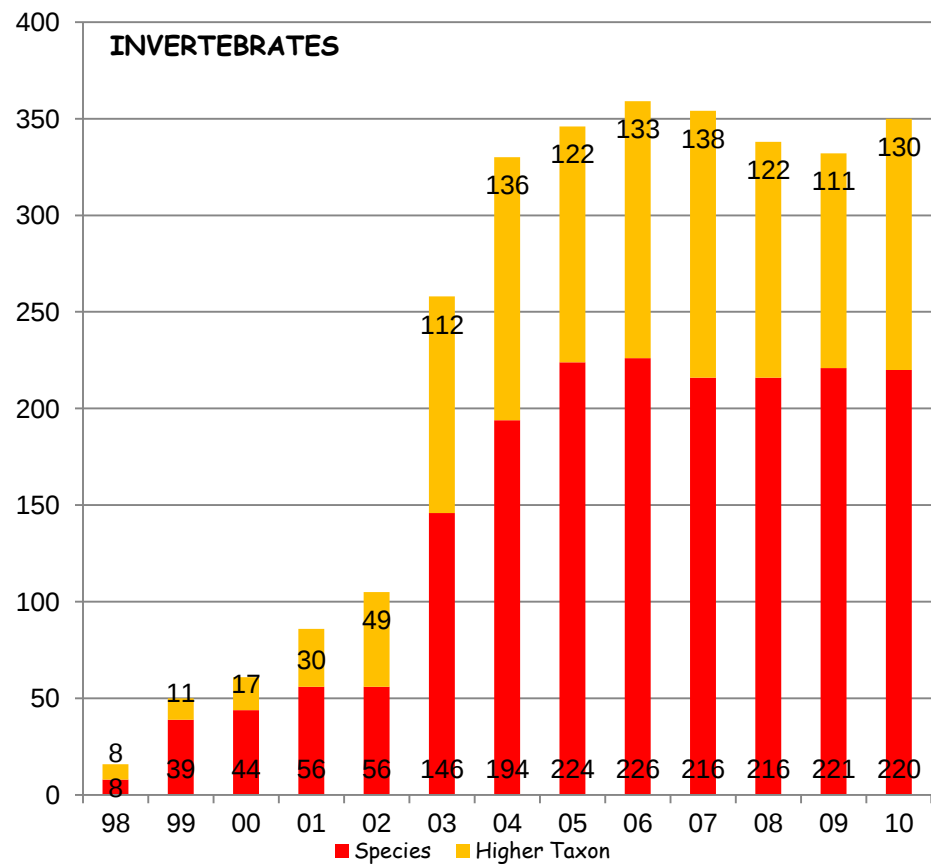
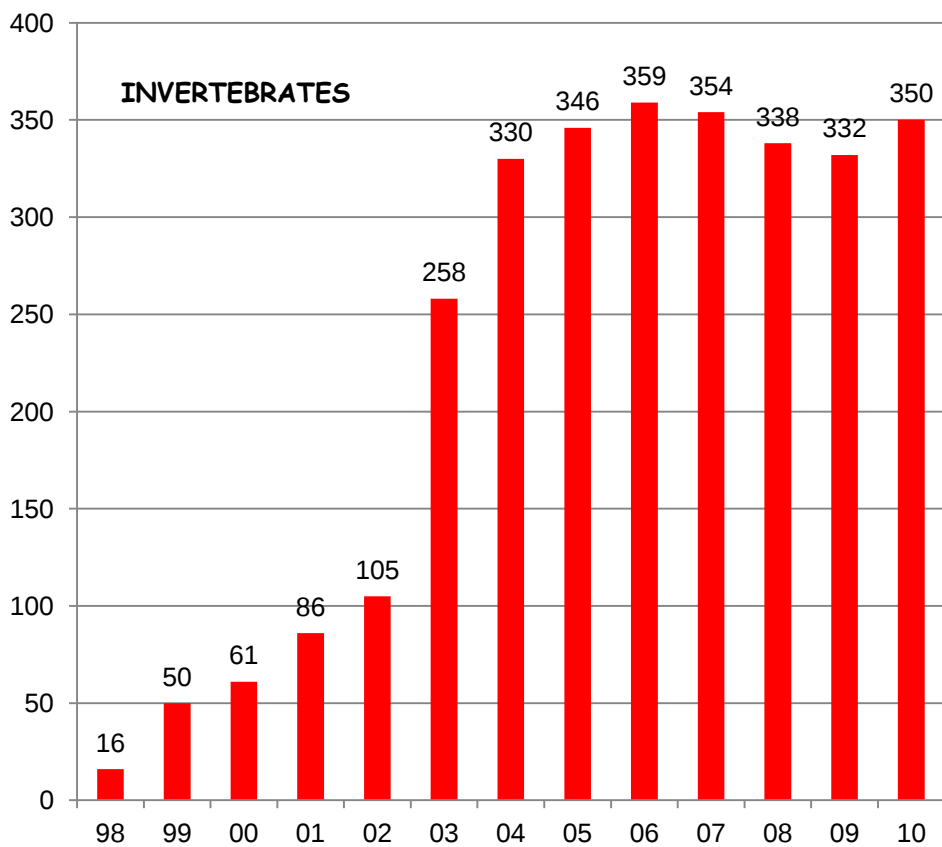
NWFSC West Coast Upper Continental Slope Survey 1998-2002 Cape Flattery, WA to Point Conception, CA.

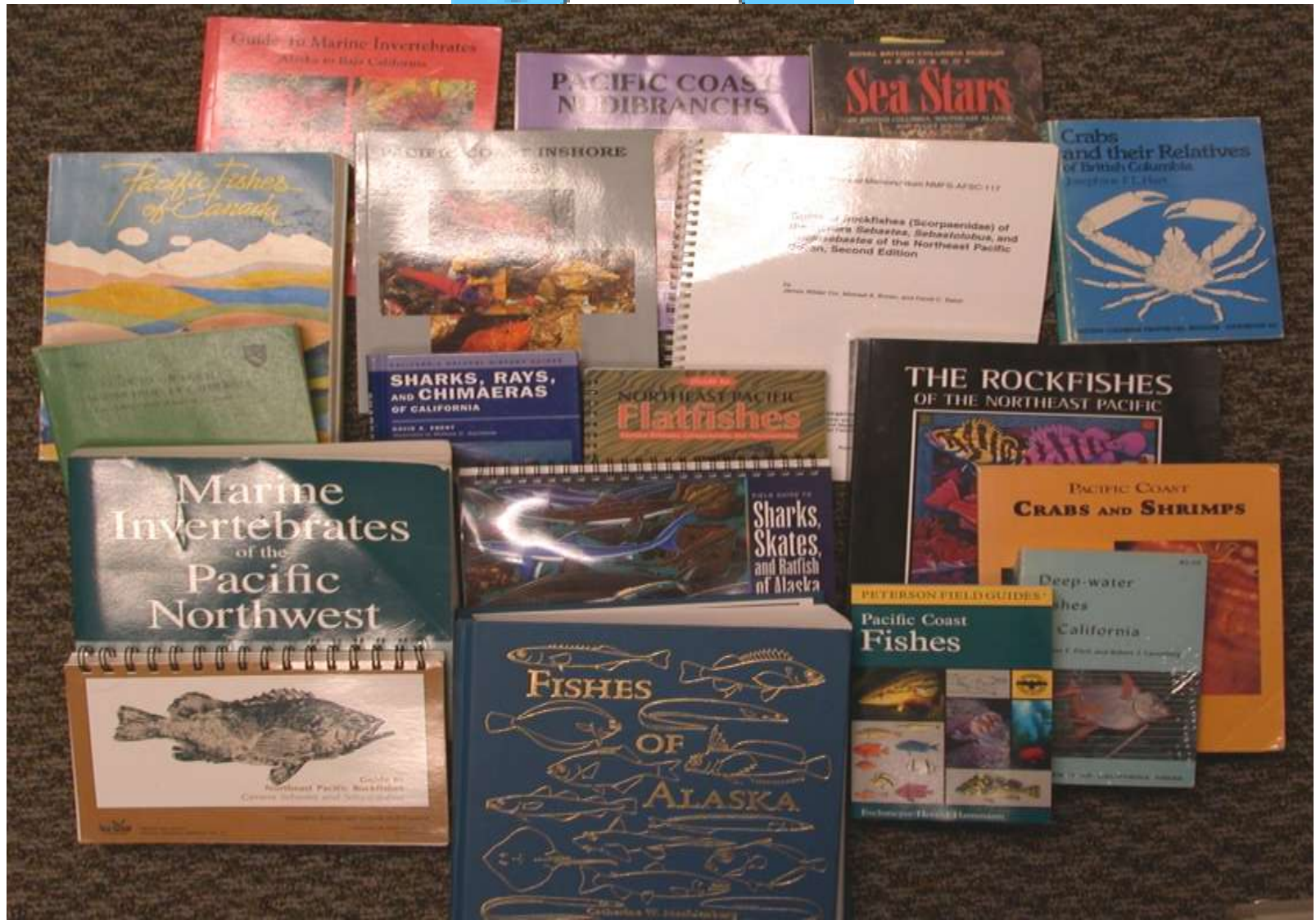
Station Transect Lines approximately 10nmi apart, 5 stations per line. Depth Range 100-700fm. 400 potential stations.



NWFSC West Coast Groundfish Bottom Trawl Survey 2003-Present U.S. Canadian Border to U.S. Mexico Border. Stratified Random Sampling Design. Depth Range 30-700fm. 750+ potential stations.







Guide to the Fish Species Of

The NWFSC West Coast Bottom Trawl Surveys

(Version 8-2007)



Species Identification and Recognition by Daniel J. Kamikawa
National Marine Fisheries Service

Northwest Fisheries Science Center FRAM Division Survey

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Guide to Northeast Pacific Invertebrates

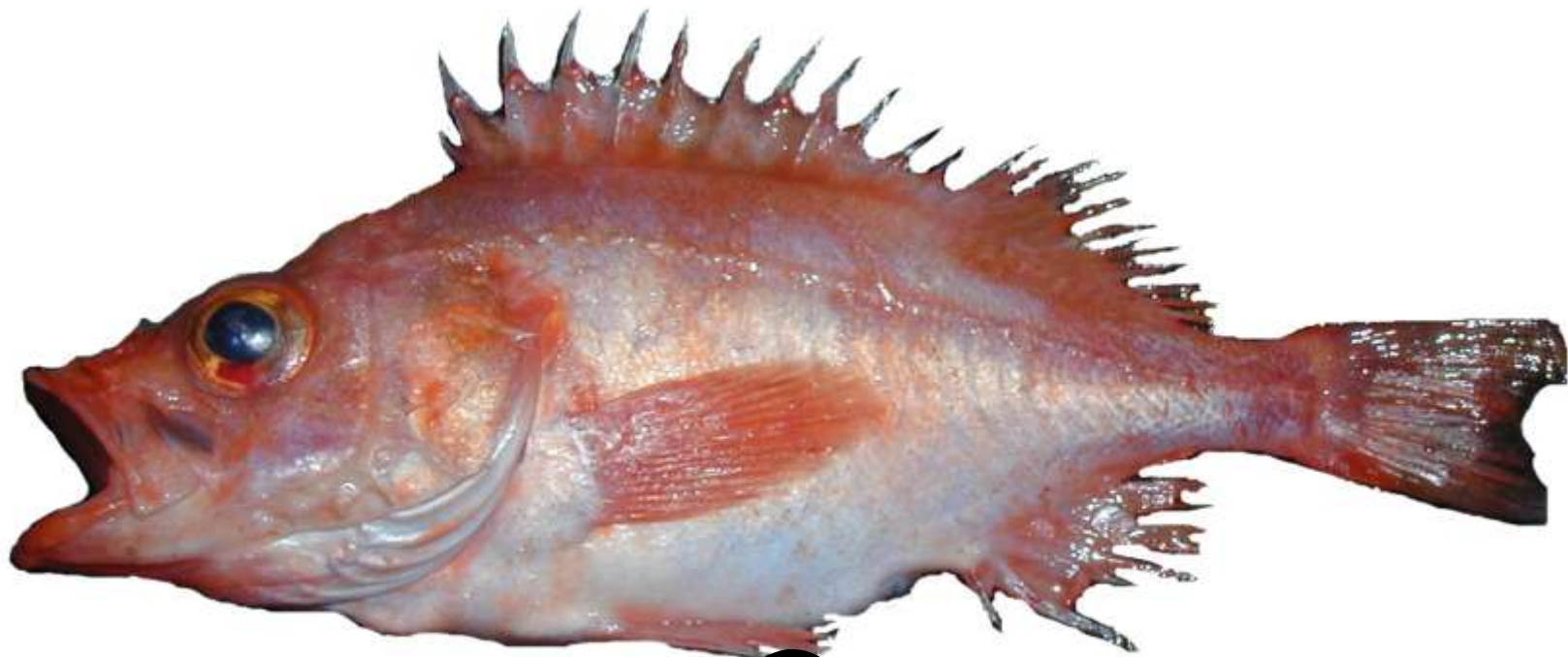


Roger N. Clark, Keri J. York, and Daniel J. Kamikawa









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Questions

