

Effectiveness of the Pacific Coast 8 Inch Roller/Rockhopper Restriction

Locations of trawl activity along the Pacific Coast before and after imposition of an 8” roller/rockhopper size limit.
 The lack of dark plots (starting points for trawls fishing for rockfish that live in complex habitat) in Figure 2 demonstrates effectiveness of 8” gear size restriction in limiting trawling in three-dimensional, structurally complex habitat.

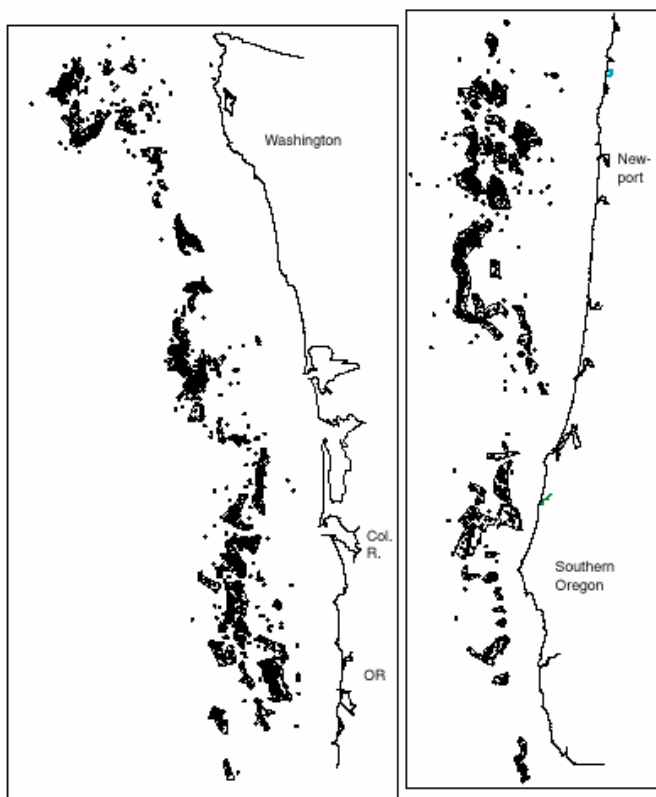


Figure 1. Distribution of high CPUE (>800 lbs/h) rockfish tows (Oregon logbooks) from 1993-95. Polygons enclose clusters of productive tows.

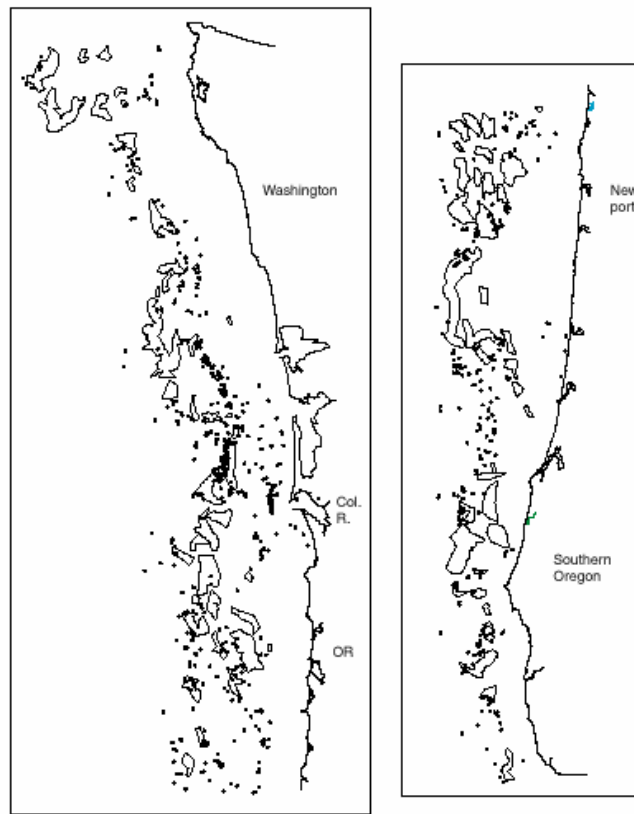


Figure 2. Comparison of geographic distribution of Oregon small footrope trawl effort, January through June 2000 (small circles- gear 392) with high rockfish CPUE areas (polygons) from 1993-95.

Hannah, Robert H. and Mark Freeman, “A Preliminary Assessment of The Impact of The ‘Small Footrope’ Regulation on The Spatial Distribution of Oregon Bottom Trawl Effort In 2000.” Oregon Dept. of Fish and Wildlife, Marine Resources Program, Sept. 2000.