

# Surviving the Biophysical Gauntlet: YOY Rockfish in the Eastern Gulf of Alaska, 2010 and 2011

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## GOA IERP Survey:

Young of the Year Rockfish were collected by a surface trawl in July of 2010 and 2011 in EGOA.

## Observations:

Large differences in climate and regional/local ocean conditions.

Rockfish switched prey items.

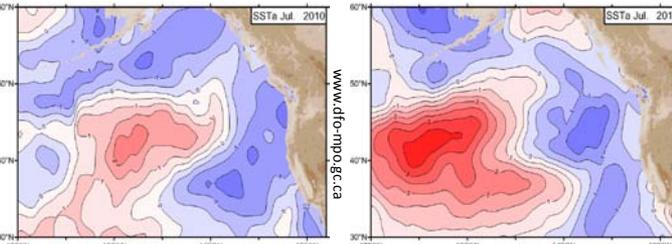
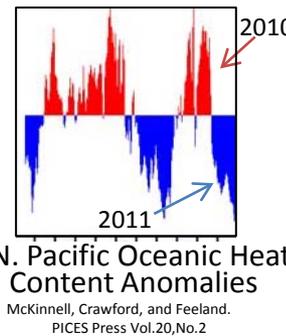
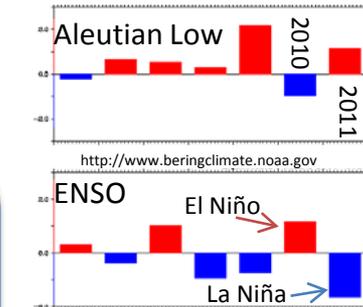
2010 - Juvenile salmon shared primary prey item: *Thysonessa* and consumed rockfish (neither in 2011).

2011 - Decrease in catch.

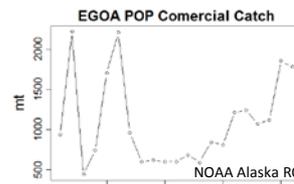
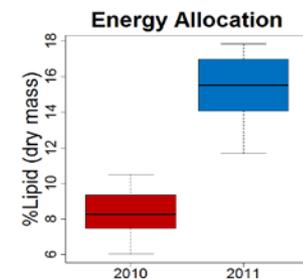
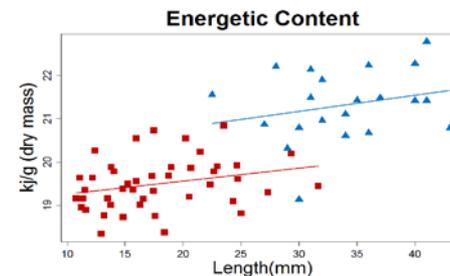
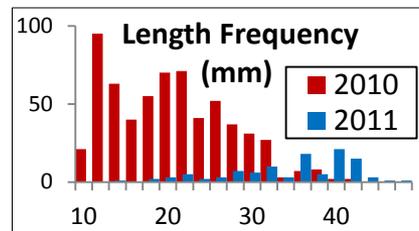
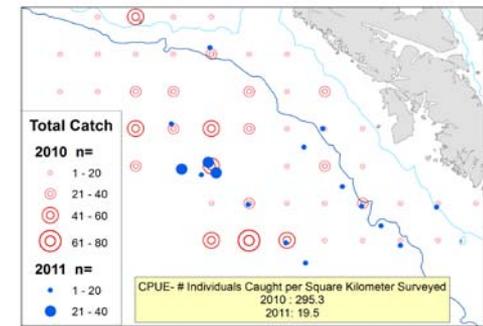
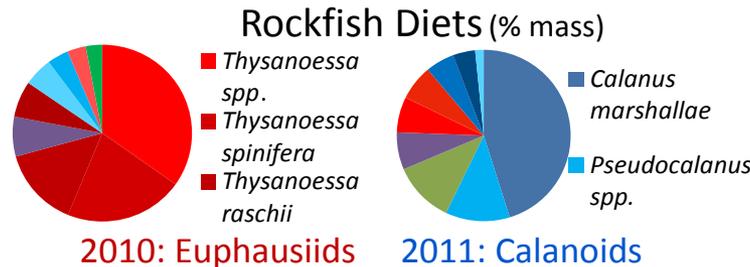
Increase size, energetic content, and lipid content in 2011 relative to 2010.

Influencing recruitment to EGOA Pacific Ocean Perch fishery ????

POP in this study: 2010 = 77%  
2011 = 94%



NE Pacific Sea Surface Temperature Anomalies



## Acknowledgements:

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