

# Insights into the biology of green sturgeon from acoustic tagging

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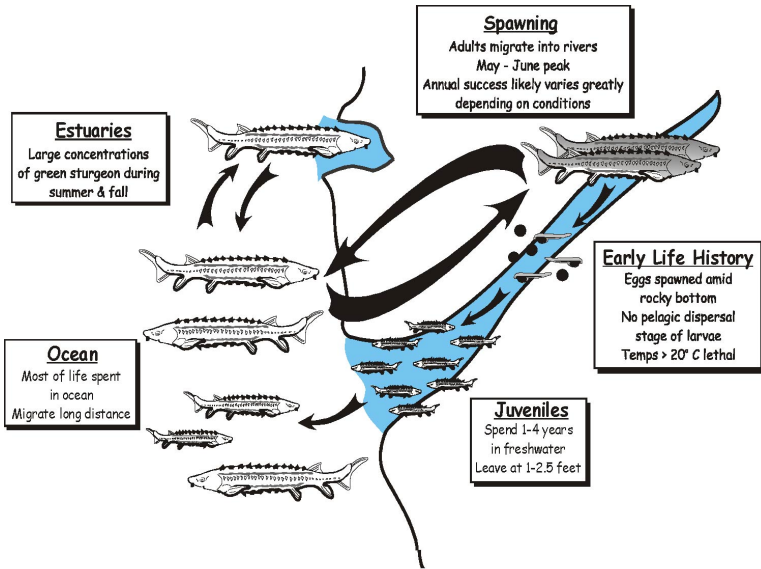
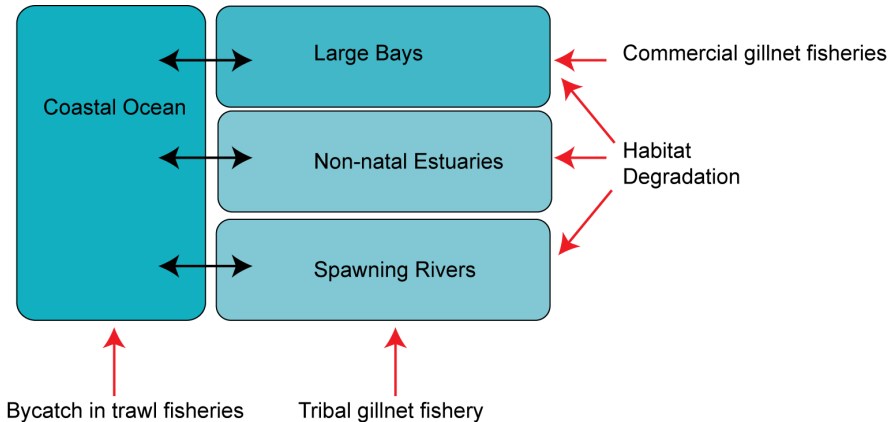
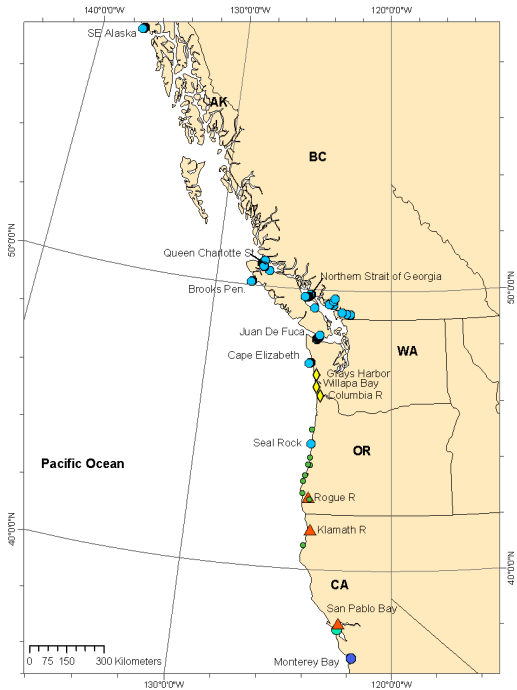
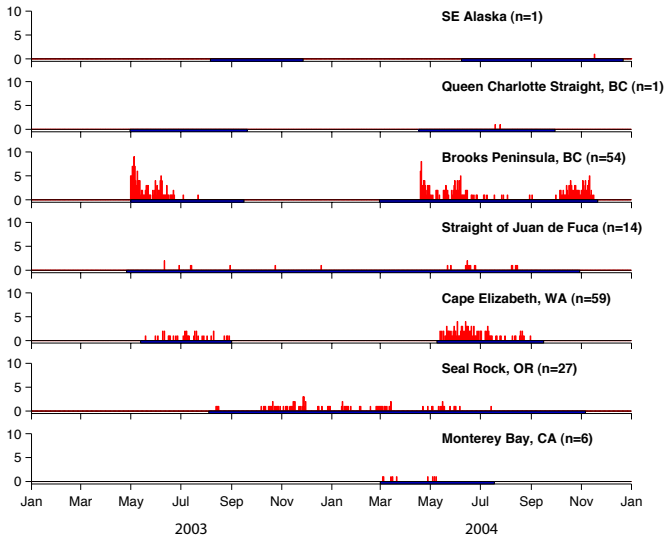
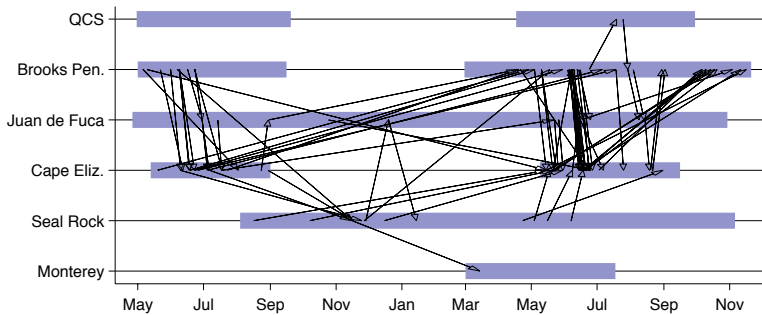


Illustration: T. Williams

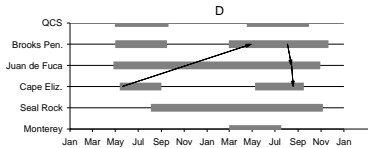
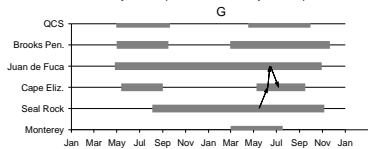
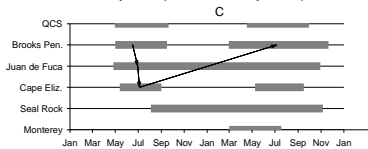
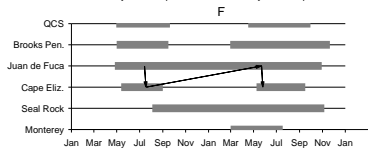
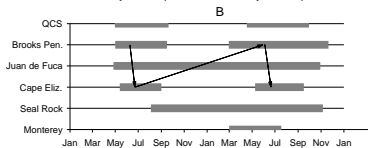
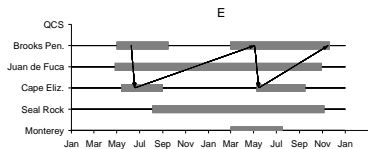
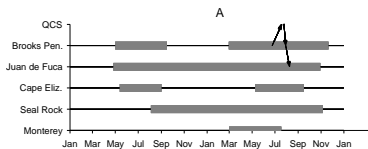






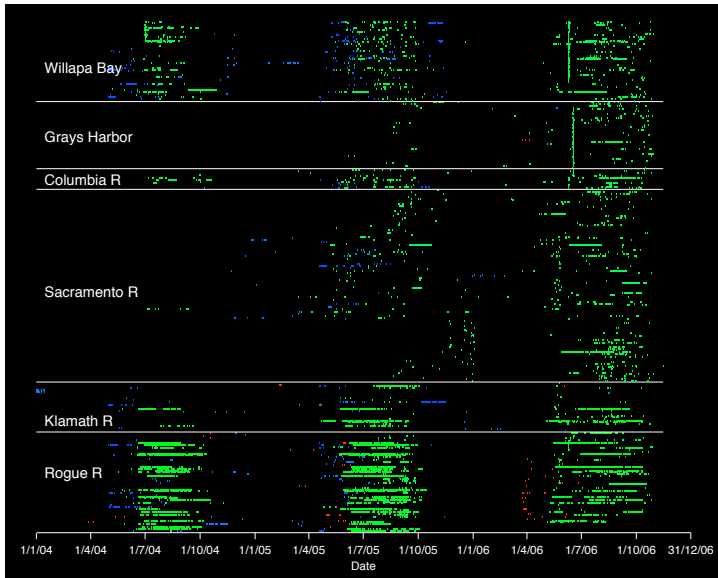


Lindley et al. Trans Am Fish Soc 137:182 (2008)





# Are there patterns in migration behavior?

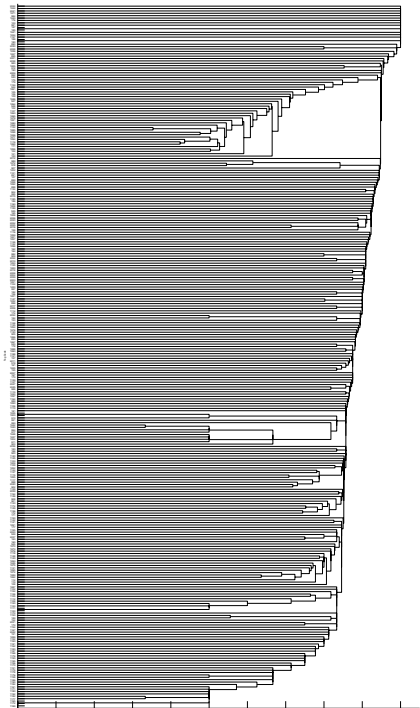


# Characterizing migration behavior

| Site 1 Time 1 | Site 2 Time 1 | Site 3 Time 1 | Site 1 Time 2 | Site 2 Time 2 | Site 3 Time 2 |
|---------------|---------------|---------------|---------------|---------------|---------------|
| 1             | 0             | 0             | 1             | 0             | 0             |
| 0             | 0             | 0             | 1             | 0             | 0             |
| 1             | 1             | 0             | 1             | 0             | 1             |
| 1             | 1             | 0             | 1             | 0             | 1             |

## Jaccard's Distance $J_d$

$$J_d = \frac{M_{01} + M_{10}}{M_{01} + M_{10} + M_{11}} \quad (1)$$





## Collaborators

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Dan Erickson

P Klimley, J Heublein, P Sandstrom,  
J Kelly

Olaf Langness, Steve West et al.

John Weber et al.

Mike Belchik et al.

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