**Annotated bibliography for important recruitment meta-analyses**

Ram Myers

Thorson

Foss Grant

Christine Stawitz

Coilin Minto

Cody Szuwalski

Regimes, environmental impacts, etc.

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Planque, B., & Frédou, T. (1999). Temperature and the recruitment of Atlantic cod (Gadus morhua). Canadian Journal of Fisheries and Aquatic Sciences, 56(11), 2069-2077.

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Thorson, J. T., Jensen, O. P., & Zipkin, E. F. (2014). How variable is recruitment for exploited marine fishes? A hierarchical model for testing life history theory. Canadian Journal of Fisheries and Aquatic Sciences, 71(7), 973-983.

Foss‐Grant, A. P., Zipkin, E. F., Thorson, J. T., Jensen, O. P., & Fagan, W. F. (2016). Hierarchical analysis of taxonomic variation in intraspecific competition across fish species. Ecology, 97(7), 1724-1734.

Dickey-Collas, M., Hintzen, N. T., Nash, R. D. M., Schön, P. J., & Payne, M. R. (2014). Quirky patterns in time-series of estimates of recruitment could be artefacts. ICES Journal of marine Science, 72(1), 111-116.

Cody paper

“Surplus production for many stocks has been recently suggested to be driven by factors other than spawning biomass (Vert-pre et al. 2013), but shifts in population dynamics should be searched for in recruitment (as done here) for two reasons. First, surplus production inherently has ‘regimes’ in it due to age-structure (e.g. Szuwalski 2013); recruitment does not. Second, surplus production integrates over many years of growth, natural mortality and selection in the fishery, whereas recruitment occurs closest to the life history stage likely to be most strongly influenced by the environment (Dahlberg 1979). Consequently, linking changes in environment to changes in recruitment is more feasible than doing so for surplus production and is more directly relevant to fisheries management.”