

## Scientific Literature Indicating Lack of “Spillover” from NWHI to MHI

Malia Ana J. Rivera, et al. (2011).

*Genetic Analyses and Simulations of Larval Dispersal Reveal Distinct Populations and Directional Connectivity across the Range of the Hawaiian Grouper (*Epinephelus quernus*)*

Journal of Marine Biology Volume 2011, Article ID 765353

“Our evidence for low levels of directional dispersal from the NWHI to the MHI lends caution to any management efforts that would rely on the NWHI replenishing depleted stocks in the MHI.”

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Toonen et al. (2011).

*Defining Boundaries for Ecosystem-Based Management: A Multispecies Case Study of Marine Connectivity across the Hawaiian Archipelago*

Journal of Marine Biology Volume 2011, Article ID 460173

"The results highlight that the Main Hawaiian Islands are isolated in terms of resource management and will not receive substantial subsidy from the Papahānaumokuākea Marine National Monument; the MHI must stand alone in management of marine resources."

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Wren et al. (under review)

PLOS ONE Journal

*Modeled Population Connectivity Across the Hawaiian Archipelago*

“The connectivity matrixes show a surprising degree of self-recruitment with an isolation-by-distance pattern and primarily directional dispersal from the Main Hawaiian Islands (MHI) towards the northwestern Hawaiian Islands (NWHI).”