

Publications for Angela Crean

2018

Macartney, E., Nicovich, P., Bonduriansky, R., Crean, A. (2018). Developmental diet irreversibly shapes male post-copulatory traits in the neriid fly *Telostylinus angusticollis*. *Journal of Evolutionary Biology*, 31(12), 1894-1902. [More Information]

Macartney, E., Crean, A., Bonduriansky, R. (2018). Epigenetic paternal effects as costly, condition-dependent traits. *Heredity*, 121, 248-256. [More Information]

Bonduriansky, R., Crean, A. (2018). What are parental condition-transfer effects and how can they be detected? *Methods in Ecology and Evolution*, 9(3), 450-456. [More Information]

2017

Macartney, E., Crean, A., Bonduriansky, R. (2017). Adult dietary protein has age- and context-dependent effects on male post-copulatory performance. *Journal of Evolutionary Biology*, 30(9), 1633-1643. [More Information]

van Oppen, M., Gates, R., Blackall, L., Cantin, N., Chakravarti, L., Chan, W., Cormick, C., Crean, A., Damjanovic, K., Epstein, H., et al (2017). Shifting paradigms in restoration of the world's coral reefs. *Global Change Biology*, 23(9), 3437-3448. [More Information]

2016

Crean, A., Adler, M., Bonduriansky, R. (2016). Seminal Fluid and Mate Choice: New Predictions. *Trends in Ecology and Evolution*, 31(4), 253-255. [More Information]

Bonduriansky, R., Runagall-McNaull, A., Crean, A. (2016). The nutritional geometry of parental effects: maternal and paternal macronutrient consumption and offspring phenotype in a neriid fly. *Functional Ecology*, 30(10), 1675-1686. [More Information]

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fertilized in both low and high sperm concentrations in *Styela plicata* (Ascidiaceae). *Marine Biology*, 162(11), 2251-2256. [More Information]

Nicovich, P., Macartney, E., Whan, R., Crean, A. (2015). Measuring Sperm Movement within the Female Reproductive Tract using Fourier Analysis. *Microscopy and Microanalysis*, 21(1), 256-263. [More Information]

Burke, N., Crean, A., Bonduriansky, R. (2015). The role of sexual conflict in the evolution of facultative parthenogenesis: a study on the spiny leaf stick insect. *Animal Behaviour*, 101, 117-127. [More Information]

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Crean, A., Kopps, A., Bonduriansky, R. (2014). Revisiting telegony: offspring inherit an acquired characteristic of their mother's previous mate. *Ecology Letters*, 17(12), 1545-1552. [More Information]

Crean, A., Bonduriansky, R. (2014). What is a paternal effect? *Trends in Ecology and Evolution*, 29(10), 554-559. [More Information]

2013

Crean, A., Dwyer, J., Marshall, D. (2013). Adaptive paternal effects? Experimental evidence that the paternal environment affects offspring performance. *Ecology*, 94(11), 2575-2582. [More Information]

Sentinella, A., Crean, A., Bonduriansky, R. (2013). Dietary protein mediates a trade-off between larval survival and the development of male secondary sexual traits. *Functional Ecology*, 27(5), 1134-1144. [More Information]

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Bonduriansky, R., Crean, A., Day, T. (2012). The implications of nongenetic inheritance for evolution in changing environments. *Evolutionary Applications*, 5(2), 192-201. <a href="http://dx.doi.org/10.1111/j.1752-"

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2011

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Grutter, A., Crean, A., Curtis, L., Kuris, A., Warner, R., McCormick, M. (2011). Indirect effects of an ectoparasite reduce successful establishment of a damselfish at settlement. *Functional Ecology*, 25(3), 586-594. [\[More Information\]](#)

2010

Crean, A., Swearer, S., Patterson, H. (2010). Larval supply is a good predictor of recruitment in endemic but not non-endemic fish populations at a high latitude coral reef. *Coral Reefs*, 29(1), 137-143. [\[More Information\]](#)

2009

Crean, A., Marshall, D. (2009). Coping with environmental uncertainty: dynamic bet hedging as a maternal effect. *Royal Society of London. Philosophical Transactions B. Biological Sciences*, 364, 1087-1096. [\[More Information\]](#)

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Crean, A., Marshall, D. (2008). Gamete plasticity in a broadcast spawning marine invertebrate. *Proceedings of the National Academy of Sciences of the United States of America*, 105(36), 13508-13513. [\[More Information\]](#)