

# Publications for Angela Crean

## 2018

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. <a href="http://dx.doi.org/10.1111/2041-210X.12848">[More Information]</a>

## 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. <a href="http://dx.doi.org/10.1111/jeb.13087">[More Information]</a>

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. <a href="http://dx.doi.org/10.1111/gcb.13647">[More Information]</a>

## 2016

Crean, A., Adler, M., Bonduriansky, R. (2016). Seminal Fluid and Mate Choice: New Predictions. *Trends in Ecology and Evolution*, 31(4), 253-255. <a href="http://dx.doi.org/10.1016/j.tree.2016.02.002">[More Information]</a>

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. <a href="http://dx.doi.org/10.1111/1365-2435.12643">[More Information]</a>

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. <a href="http://dx.doi.org/10.1111/1365-2435.12643">[More Information]</a>

## 2015

Runagall-McNaull, A., Bonduriansky, R., Crean, A. (2015). Dietary protein and lifespan across the metamorphic boundary: protein-restricted larvae develop into short-lived adults. *Scientific Reports*, 5, 1-7. <a href="http://dx.doi.org/10.1038/srep11783">[More Information]</a>

Crean, A., Marshall, D. (2015). Eggs with larger accessory structures are more likely to be fertilized in both low and high sperm concentrations in *Styela plicata* (Ascidiaceae). *Marine Biology*, 162(11), 2251-2256. <a href="http://dx.doi.org/10.1007/s00227-015-2755-0">[More Information]</a>

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. <a href="http://dx.doi.org/10.1017/S1431927614014627">[More Information]</a>

Information]</a>

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. <a href="http://dx.doi.org/10.1016/j.anbehav.2014.12.017">[More Information]</a>

## 2014

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. <a href="http://dx.doi.org/10.1111/ele.12373">[More Information]</a>

Crean, A., Bonduriansky, R. (2014). What is a paternal effect? *Trends in Ecology and Evolution*, 29(10), 554-559. <a href="http://dx.doi.org/10.1016/j.tree.2014.07.009">[More Information]</a>

## 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.

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. <a href="http://dx.doi.org/10.1111/1365-2435.12104">[More Information]</a>

## 2012

Crean, A., Dwyer, J., Marshall, D. (2012). Fertilization Is Not a New Beginning: The Relationship between Sperm Longevity and Offspring Performance. *PLoS One*, 7(11), 1-6. <a href="http://dx.doi.org/10.1371/journal.pone.0049167">[More Information]</a>

Kopps, A., Bonduriansky, R., Gilchrist, A., Crean, A. (2012). Isolation and characterisation of polymorphic microsatellite loci for the neriid fly *Telostylinus angusticollis* using MiSeq sequencing. *Australian Journal of Zoology*, 60(6), 388-391. <a href="http://dx.doi.org/10.1071/ZO13017">[More Information]</a>

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.1752-4571.2011.00213.x">[More Information]</a>

## 2011

Crean, A., Monro, K., Marshall, D. (2011). Fitness Consequences of Larval Traits Persist Across the Metamorphic Boundary. *Evolution*, 65(11), 3079-3089. <a href="http://dx.doi.org/10.1111/j.1558-5646.2011.01372.x">[More Information]</a>

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. <a href="http://dx.doi.org/10.1111/j.1365-2435.2010.01798.x">[More Information]</a>

## 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, 137-143. <a href="http://dx.doi.org/10.1007/s00338-009-0566-9">[More Information]</a>

## 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. <a href="http://dx.doi.org/10.1098/rstb.2008.0237">[More Information]</a>

## 2008

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. <a href="http://dx.doi.org/10.1073/pnas.0806590105">[More Information]</a>