

## Presentations at Meetings:

- Jaeckle, W.B. and R.R. Strathmann. 2012. The anus as a second mouth: anal suspension-feeding by an oral deposit-feeding sea cucumber. Society of integrative and Comparative Biology (SICB) annual meeting.
- McDonald, A.J. and W.B. Jaeckle. 2012. Uptake of dissolved high molecular weight molecules by larvae of *Lytechinus variegatus*. Society of integrative and Comparative Biology (SICB) annual meeting
- Jaeckle, W. and R. Strathmann. 2011. The anus as a second mouth: Anal suspension-feeding by an oral deposit-feeding sea cucumber. 6<sup>th</sup> North American Echinoderm Conference, Rosario Beach Marine Laboratory, Anacortes WA.
- Bosch, I. and W. Jaeckle 2011. Studies of a symbiotic association between sub-cuticular bacteria and sea star larvae that are widely distributed in the Sargasso Sea and the Gulf Stream. 6<sup>th</sup> North American Echinoderm Conference, Rosario Beach Marine Laboratory, Anacortes WA.
- Jaeckle, W., M. Kiefer, B. Childs, G. Harper, and B. Peer. 2011. Comparison of eggshell porosity and estimated gas flux between the Brown-headed Cowbird (*Molothrus ater*) and its hosts: the Dickcissel (*Spiza americana*) and the Red-winged Blackbird (*Agelaius phoeniceus*). Assoc. of Field Ornithologists meeting Kearney NE
- Jaeckle, W. and I. Bosch. 2008. Coelomogenesis and nutrition of clonally produced asteroid larvae. 5<sup>th</sup> North American Echinoderm Conference. Gulf of Mexico Science 17(2): 152
- Bosch, I., W. Jaeckle, and D. Karentz. 2008. Distribution of bipinnaria and pilidium larvae in relation to physical structure of and UVB-light Intensity in the water column off Anvers Island, Antarctica. 5<sup>th</sup> North American Echinoderm Conference. Gulf of Mexico Science 17(2): 144.
- Jaeckle, W. 2006. Which way does it flow? Movement of fluid and nutrients within the larvae of marine invertebrates. The Evolution of Development of Marine Invertebrates. Smithsonian Marine Station, Fort Pierce, FL
- Jaeckle, W., A. Slot<sup>1</sup>, and E. Balser. 2006. Patterns of nutrient assimilation and distribution in tornaria larvae. Society of integrative and Comparative Biology (SICB) annual meeting (result of ASD support)
- Jaeckle, W.B. and E.J. Balser 2006. Nephridial function in larvae of asteroid echinoderms. Society of integrative and Comparative Biology (SICB) annual meeting
- Rahim, S<sup>1</sup>. and W.B. Jaeckle. 2004. The effect of light on rates of cloning of the symbiont-bearing acoel *Convolutriloba longifissura*. Society of integrative and Comparative Biology (SICB) annual meeting
- Jaeckle, W.B. 2002. Life history variation in gastropods. Symposium on Marine Invertebrate Life Histories in honor of Dr. Mary Rice. Smithsonian Institution, Smithsonian Marine Station at Fort Pierce. (result of ASD support)
- Jaeckle, W.B. 2002. In Memoriam: Larry McEdward. (poster honoring the life and science of the late Dr. Larry McEdward, sponsored by the Division of Invertebrate Zoology, Society of Integrative and Comparative Biology).
- Jaeckle, W.B., C. Twanow<sup>1</sup>, and E.J. Balser. 2001. Nutrient assimilation and distribution in larvae of echinoid echinoderms. Am. Zool. 41: 1483
- Pernet, B and W.B. Jaeckle. 2001. Egg size and energy content in polychaete annelids: a comparison with echinoderms. Am. Zool. 41: 1552

- Knott, K.E., E.J. Balsler, W.B. Jaeckle and G.A. Wray, G.A. 2001. Using molecular data to identify cloning asteroid larvae. 6<sup>th</sup> European Conference on Echinoderms, Banyuls-sur-mer, France
- Jaeckle, W.B. and K.M. Nielsen<sup>1</sup>. 2000. Scaling of organic weight and energy content of arthropod eggs. *Am. Zool.* 37: 136A.
- Jaeckle, W.B. 1998. Variation in alanine transport among sibling lecithotrophic larvae of holothuroid and asteroid echinoderms. *Proc. 9<sup>th</sup> International Echinoderm Conf.*, p. 43.
- Jaeckle, W.B. and E.J. Balsler. 1996. Coelomic and blastocoelic circulation of nutrients in planktotrophic larvae of asteroid echinoderms. *Am. Zool.* 36: 71A.
- Jaeckle, W.B. and I. Bosch. 1995. Asexual reproduction by asteroid larvae: balancing benefits and costs of secondary production. Larval Biology Meeting, Fort Pierce, FL, August.
- Jaeckle, W.B. 1994. Morphological asymmetry and nutrient assimilation in the somatocoels of asteroid and holothuroid larvae. *Am. Zool.* 34: 125A.
- Jaeckle, W.B. 1992. Energy acquisition and utilization by larvae of *Bugula neritina* (Bryozoa). *Am. Zool.* 32: 115A.
- Balsler, E.J., E.E. Ruppert, and W.B. Jaeckle. 1992. Ultrastructure of the axohydrocoel in holothuroid echinoderm larvae. *Am. Zool.* 32: 109A.
- Jaeckle, W.B. 1992. Multiple modes of asexual reproduction by oceanic sea star larvae. North American Friends of Echinoderms Conf., Fort Pierce, FL, July.
- Balsler, E.J., Ruppert, E.E. and W.B. Jaeckle. 1992. Ultrastructure of the hydrocoel of holothuroid auricularia larvae. North American Friends of Echinoderms Conf., Fort Pierce, July.
- Jaeckle, W.B. 1991. Nutritional physiology of field-collected larvae of *Tedania ignis* (Porifera). *Am. Zool.* 31: 24A.
- Jaeckle, W.B. 1990. Fine structure of the digestive system of subtropical auricularia larvae. *Am. Zool.* 30: 100A.
- Colwell, S.J. and W.B. Jaeckle. 1990. DOM transport and metabolism by bathyal embryos and subtropical larvae. *Am. Zool.* 30: 64A.
- Jaeckle, W.B. and D.T. Manahan. 1989. Influence of water quality on larvae of the red abalone *Haliotis rufescens*. *J. Shellfish Res.* 8: 322.
- Jaeckle, W.B. and D.T. Manahan. 1988. Feeding in lecithotrophic larvae of *Haliotis rufescens*: Uptake of dissolved amino acids from seawater. *Am. Zool.* 28: 167A.
- Jaeckle, W.B. and D.T. Manahan. 1988. The influence of the organic chemistry of seawater on the respiration rates of meroplankton. *EOS* 69: 1126.
- Manahan, D.T., W.B. Jaeckle and F.S. Shilling. 1988. Energy imbalance in marine invertebrates during embryonic and larval development. 6th International Symposium on Microcalorimetric Applications in Biology, Innsbruck, Sept. 1988.
- Jaeckle, W.B. and D.T. Manahan. 1987. Development of axenic culture techniques for *Urechis caupo* to study amino acid transport by its larvae. *Am. Zool.* 27(4): 52A.
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- Jaeckle, W.B. and D.T. Manahan. 1986. Biomass increase in nonfeeding larvae: An energetic paradox. *EOS* 67(44): 992.