



SELECTED PUBLICATIONS 2009-2010

- Alves-Stanley, C.D. and **G.A.J. Worthy**. 2009. Carbon and nitrogen turnover rates and diet-tissue discrimination in Florida manatees (*Trichechus manatus latirostris*). *The Journal of Experimental Biology* 212:2349-2355.
- Alves-Stanley, C.D. and **G.A.J. Worthy**. 2010. Feeding preferences of the West Indian manatee in Florida, Belize and Puerto Rico, as indicated by stable isotope analysis. *Marine Ecology Progress Series* 402:255-267.
- Arnold W.R., J.S. Cotsifas, D.S. Smith, S. LePage and **K.M. Gruenthal**. 2009. A comparison of copper sensitivity of *Mytilus edulis* and *Mytilus galloprovincialis* in ambient saltwater of varying dissolved organic matter concentrations: implications for determining the ambient copper saltwater criteria. *Environmental Toxicology* 24: 618-628
- Bengtson, J.L., J.L. Laake, P.L. Boveng, M.F. Cameron, M. B. Hanson and **B.S. Stewart**. *In press*. Distribution, density, and abundance of pack-ice seals in the Amundsen and Ross Seas, Antarctica. *Deep-Sea Research II*
- Blight, L.K. et al. (including **B.S. Stewart**). 2010. Fishing for data in the Ross Sea. *Science* 330:1316.
- Bowles, A.E., S.L. Denes,** and **M. Shane**. 2010. Acoustic characteristics of ultrasonic coded transmitters for fishery applications: could marine mammals hear them? *Journal of the Acoustical Society of America* 128:3223-3231.
- Brillinger, D.R. and **B.S. Stewart**. 2010. Stochastic modeling of particle movement with applications to marine biology and oceanography. *Journal of Statistical Planning and Inference* 140:3597-3607.
- Castellini, M.A., S.J. Trumble, T.L. Mau, **P.K. Yochem, B.S. Stewart** and M.A. Koski. 2009. Body and blubber relationships in Antarctic pack-ice seals: Implications for the control of blubber depth. *Physiological and Biochemical Zoology* 82: 113-120.
- Colegrove, K.M., J.F.X. Wellehan Jr., **R. Rivera**, P.F. Moore, F.M.D. Gulland, L.J. Lowenstine, R.W. Nordhausen and **H.H. Nollens**. 2010. Polyomavirus infection in a free-ranging California sea lion (*Zalophus californianus*) with intestinal T-cell lymphoma. *Journal of Veterinary Diagnostic Investigations* 22:628-632.
- Curtis, C., **B.S. Stewart** and S.A. Karl. 2009. Pleistocene population expansion of Antarctic seals. *Molecular Ecology* 18:2112-2121.
- Durden, W.N., J. St. Leger, M. Stolen, T. Mazza. C. Londono**. 2009. Lacaziosis in bottlenose dolphins (*Tursiops truncatus*) in the Indian River Lagoon, Florida, USA. *Journal of Wildlife Diseases* 45:849-856.
- Durazo, E., A.C. Cruz, L.M. López, J.P. Lazo, **M. Drawbridge** and M.T. Viana. 2010. Effects of digestible protein levels in isonitrogenous diets on growth performance and tissue compositions of juvenile *Atractoscion nobilis*. *Aquaculture Nutrition* 16:54-60.
- Fauquier, D.A., M.J. Kinsel, M.D. Dailey, G.E. Sutton, N.B. Barros, **M.K. Stolen**, R.S. Wells, F.M.D. Gulland. 2009. Prevalence, pathology, and evidence of transplacental transfer of lungworm (*Halocercus sp.*) infection in bottlenose dolphins from southwest Florida. *Diseases of Aquatic Organisms* 88:85-90.
- Fire, S.E., Z. Wang, T.A. Leighfield, S.L. Morton, W.E. McFee, W.A. McLellan, R.W. Litaker, P.A. Tester, A.A. Hohn, G. Lovewell, C. Harms, D.S. Rothstein, S.G. Barco, A. Costidis, B. Sheppard, G.D. Bossart, **M. Stolen, W.N. Durden**, F.M. Van Dolah. 2009. Domoic acid exposure in pygmy and dwarf sperm whales (*Kogia spp.*) from southeastern and mid-Atlantic waters. *Harmful Algae* 8:658-664.
- Hervas, S., K. Lorenzen, **M.A. Shane** and **M.A. Drawbridge**. 2010. Quantitative assessment of a white seabass (*Atractoscion nobilis*) stock enhancement program in California: Post-release dispersal, growth and survival. *Fisheries Research*. 105:237-243.
- Jirsa, D.O., M. Drawbridge** and **K. Stuart**. 2009. The effects of tank color and light intensity on growth, survival and stress tolerance of white seabass, *Atractoscion nobilis* larvae. *Journal of the World Aquaculture Society* 40:702-709.
- Jirsa, D.O., D.A. Davis,** and **M. Drawbridge**. 2010. Development of a practical soy-based diet for white seabass (*Atractoscion nobilis*). *North American Journal of Aquaculture* 72:332-337.



SELECTED PUBLICATIONS 2009-2010

- López, L.M., E. Durazo, M.T. Viana, **M. Drawbridge** and D. P. Bureau. 2009. Effect of dietary lipid levels on performance, body composition and fatty acid profile of juvenile white seabass, *Atractoscion nobilis*. *Aquaculture* 289:101-105.
- McFee, W.E., J.H. Schwacke, L.H. Schwacke, **M.K. Stolen**, K.D. Mullin. 2010. Investigation of growth phases for bottlenose dolphins using a Bayesian modeling approach. *Marine Mammal Science* 26:67-85.
- Nollens, H.H., R. Rivera, G. Palacios, J.F. Wellehan, J.T. Saliki, S.L. Caseltine, C.R. Smith, E.D. Jensen, J. Hui, W.I. Lipkin, P.K. Yochem, R.S. Wells, J. St. Leger** and S. Venn-Watson. 2009. New recognition of enterovirus infections in bottlenose dolphins (*Tursiops truncatus*). *Veterinary Microbiology* 139:170-175.
- Nollens, H.H., J.F.X. Wellehan, Jr., L. Archer, L. Lowenstine** and F.M. Gulland. 2010. Detection of a respiratory coronavirus from tissues archived during a pneumonia epizootic in free-ranging Pacific harbor seals *Phoca vitulina richardsii*. *Diseases of Aquatic Organisms* 90:113-120.
- Rivera, R., H.H. Nollens, S. Venn-Watson, F.M.D. Gulland** and J.F.X. Wellehan, Jr. 2010. Characterization of phylogenetically diverse astroviruses of marine mammals. *Journal of General Virology* 91:166-173.
- Schlundt, C.E., R.L. Dear, D.S. Houser, **A.E. Bowles, T. Reidarson** and J.J. Finneran. *In press*. Auditory evoked potentials in two short-finned pilot whales (*Globicephala macrorhynchus*). *Journal of the Acoustical Society of America*.
- Sleeman, J.C., M.G. Meekan, **B.S. Stewart, S.G. Wilson, J.J. Polovina, J.D. Stevens, G.S. Boggs** and C.J.A. Bradshaw. 2010. To go or not to go with the flow: Environmental influences on whale shark movement patterns. *Journal of Experimental Marine Biology and Ecology* 390:84-98.
- Stavros, H.W., **M. Stolen, W. Noke Durden, W. Mcfee, G.D. Bossart** and P.A. Fair. *In Press*. Correlation and toxicological inference of trace elements in tissues from stranded and free-ranging bottlenose dolphins (*Tursiops truncatus*). *Chemosphere*.
- Stewart, B.S.** 2009. Diving Behavior. Pp. 321-327 In: Encyclopedia of Marine Mammals. W.F. Perrin, B. Wursig and G. W. Thewissen (eds.). Second Edition. Academic Press, San Diego.
- Stuart, K.R., M. Keller** and **M. Drawbridge**. 2010. Efficacy of formalin and povidone-iodine disinfection techniques on the eggs of three marine finfish species. *Aquaculture Research* 41:e838-e843.
- Vizcaíno-Ochoa, V., B. Barón-Sevilla, and **M. Drawbridge**. 2010. The effect of dietary docosahexaenoic acid (DHA) on growth, survival and pigmentation of California halibut *Paralichthys californicus* larvae (Ayres, 1810). *Aquaculture* 302:228-234.
- J.F.X. Wellehan, Jr., F. Yu, S.K. Venn-Watson, E.D. Jensen, C.R. Smith, W.G. Farmerie and **H.H. Nollens**. 2010. Characterization of San Miguel sea lion virus populations using pyrosequencing-based methods. *Infection, Genetics and Evolution* 10:254-260.
- Wilson, R.P., Y. Watanuki, N. Miyazaki and **B.S. Stewart**. 2010. Working beneath the surface: interplay of biomechanics, physiology and behavioural ecology in diving seabirds. *Aquatic Biology* 8:191-192.
- Wilson, R.P., Y. Watanuki, N. Miyazaki and **B.S. Stewart** (eds.). 2010. Ecophysiology and biomechanics in diving seabirds. *Inter-Research* 8:189-304.
- Witteveen, B.H., **G.A.J. Worthy, K.M. Wynne** and J.D. Roth. 2009. Population structure of North Pacific humpback whales on their feeding grounds as shown by stable carbon and nitrogen isotope ratios. *Marine Ecology Progress Series* 379:299-310.
- Yochem, P.K. and B.S. Stewart**. 2009. Hair and fur. Pp. 529-530. In: Encyclopedia of Marine Mammals. W.F. Perrin, B. Wursig and G. W. Thewissen (eds.). Second Edition. Academic Press, San Diego.
- Yochem, P.K., B.S. Stewart, T.S. Gelatt** and D.B. Siniff. 2009. Health assessment of Weddell seals (*Leptonychotes weddellii*) in McMurdo Sound, Antarctica. Pp. 123-138 In: Diseases of Antarctic Wildlife. K.R. Kerry and M.J. Riddle (eds.). Springer-Verlag, Berlin.