

## Tuna Publications

### 2016

- Allen, L. K., Lisin, S. E., & Madeira, J. L. (eds.) (2016) Bluefin Futures Symposium Meeting Report. 18-20 January, 2016, Monterey, California, USA. 76p.
- Klinger, D. H., Dale, J. J., Gleiss, A. C., Brandt, T., Estess, E. E., Gardner, L., Machado, B., Norton, A., Rodriguez, L., Stiltner, J., Farwell, C., & Block, B. A. (2016). The effect of temperature on postprandial metabolism of yellowfin tuna (*Thunnus albacares*). *Comparative Biochemistry and Physiology Part A*, 195, 32-38.
- Kwon, S. Y., Blum, J. D., Madigan, D. J., Block, B. A., & Popp, B. N. (2016). Quantifying mercury isotope dynamics in captive Pacific bluefin tuna (*Thunnus orientalis*). *Elementa* 4(88) DOI 10.12952/journal.elementa.000088.

### 2015

- Colman, J. A., Nogueira, J. I., Pancorbo, O. C., Batdorf, C. A., & Block, B. A. (2015). Mercury in Pacific bluefin tuna (*Thunnus orientalis*): Bioaccumulation and trans-Pacific ocean migration. *Canadian Journal of Fisheries and Aquatic Sciences*, 72(7), 1015-1023.
- Dale, J. J., Gray, M. D., Popper, A. N., Rogers, P. H., & Block, B. A. (2015). Hearing thresholds of swimming Pacific bluefin tuna, *Thunnus orientalis*. *J Comp Physiol A*, 201, 441-454.
- Klinger, D. H., Dale, J. J., Machado, B. E., Incardona, J. P., Farwell, C. J., & Block, B. A. (2015). Exposure to deepwater horizon weathered crude oil increases routine metabolic demand in chub mackerel, *Scomber japonicus*. *Marine Pollution Bulletin*, 98(1-2), 259-266.
- Lilly, L. E., Bonaventura, J., Lipnick, M. S., & Block, B. A. (2015). Effect of temperature acclimation on red bloodcell oxygen affinity in Pacific bluefin tuna (*Thunnus orientalis*) and yellowfin tuna (*Thunnus albacares*). *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*, 181, 36-44.
- Madigan, D. J., Carlisle, A. B., Gardner, L. D., Jayasundara, N., Micheli, F., Schaefer, K. M., Fuller, D.W., and Block, B. A. (2015). Assessing niche width of endothermic fish from genes to ecosystem. *Proceedings of the National Academy of Sciences*, 112(27), 8350-8355.
- Madigan, D. J., Litvin, S. Y., Popp, B. N., Carlisle, A. B., Farwell, C. J., & Block, B. A. (2012). Tissue turnover rates and isotopic trophic discrimination factors in the endothermic teleost, Pacific bluefin tuna (*Thunnus orientalis*). *PLoS ONE*, 7(11).
- Shiels, H. A., Galli, G. L. J., & Block, B. A. (2015). Cardiac function in an endothermic fish: Cellular mechanisms for overcoming acute thermal challenges during diving. *Proceedings of the Royal Society of London B: Biological Sciences*, 282(20141989).
- Whitlock, R. E., Hazen, E. L., Walli, A., Farwell, C., Bograd, S. J., Foley, D. G., Castleton, M., & Block, B. A. (2015). Direct quantification of energy intake in an apex marine predator suggests physiology is a key driver of migrations. *Science Advances*, 1(e1400270).

Wilson, S. G., Jonsen, I. D., Schallert, R. J., Ganong, J. E., Castleton, M. R., Spares, A. D., Boustany, A. M., Stokesbury, M. J. W., & Block, B. A. (2015). Tracking the fidelity of Atlantic bluefin tuna released in Canadian waters to the Gulf of Mexico spawning grounds. *Canadian Journal of Fisheries and Aquatic Sciences*, 72(11), 1700-1717.

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Estess, E. E., Coffey, D. M., Shimose, T., Seitz, A. C., Rodriguez, L., Norton, A., Farwell, C. J. (2014). Bioenergetics of captive Pacific bluefin tuna (*Thunnus orientalis*). *Aquaculture* (434), 137-144.

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Whitlock, R. E., Walli, A., Cermeno, P., Rodriguez, L. E., Farwell, C., & Block, B. A. (2013). Quantifying energy intake in Pacific bluefin tuna (*Thunnus orientalis*) using the heat increment of feeding. *The Journal of Experimental Biology*, 216, 4109-4123.

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B. R., Shillinger, G. L., Schaefer, K. M., Benson, S. R., Weise, M. J., Henry, R. W., and Costa, D. P. (2011). Tracking apex marine predator movements in a dynamic ocean. *Nature*, 475(7354), 86-90.

Farwell, C. J. (2011). *Report of the Pacific bluefin tuna working group workshop: International Scientific Committee for Tuna and Tuna-Like Species in the North Pacific Ocean*. Shimizu, Japan. 6-13 January, 2011.

Galli, G. L. J., Lipnick, M. S., Shiels, H. A., & Block, B. A. (2011). Temperature effects on Ca<sup>2+</sup> cycling in scombrid cardiomyocytes: A phylogenetic comparison. *The Journal of Experimental Biology*, 214(Pt 7), 1068-1076.

Schaefer, K. M., Fuller, D. W., & Block, B. A. (2011). Movements, behavior, and habitat utilization of yellowfin tuna (*Thunnus albacares*) in the Pacific ocean off Baja California, Mexico, determined from archival tag data analyses, including unscented Kalman filtering. *Fisheries Research*, 112(1-2), 22-37.

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