

List of Publications (from the past five years)

2017

Allen, P.J., A. Haukenes, and **S.E. Lochmann**. Conservation of physiological adaptive capacity in genetically differentiated populations of alligator gar: implications for niche conservatism for persistence of primitive species. *Physiological and Biochemical Zoology* (submitted)

2016

Fernando, A.V., **S.E. Lochmann**, and A.H. Haukenes. 2016. Critical thermal maxima of juvenile alligator gar (*Atractosteus spatula*, Lacepède, 1803) from three Mississippi-drainage populations acclimated to three temperatures. *Journal of Applied Ichthyology* 32:701-705.

**Lochmann, S.E.**, and L.A. Will. Relation Between Grading Frequency and Production Characteristics of Alligator Gar Fingerlings in Tanks. *Arkansas Environmental, Agricultural and Consumer Science Journal* 15-16:16-21.

2015

**Lochmann, S.E.**, C.M. Adelsberger, and J.W. Neal. Movement of Bigmouth Sleeper, *Gobiomorus dormitor*, in the Río Cañas, Puerto Rico, revealed by radio telemetry, and a discussion of the species' amphidromous characterization. *Gulf and Caribbean Research* 26:1-8.

Wright, L.D., J.R. Jackson, and **S.E. Lochmann**. An evaluation of crappie supplemental stocking in Arkansas impoundments. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:109-113.

**Lochmann, S.E.**, and K.J. Goodwin. Variability in size traits of Sunshine Bass larvae from different male Striped Bass. *North American Journal of Aquaculture* 77:76-81

2013

Baker, B. W., and **S. E. Lochmann**. A population assessment and minimum length limit evaluation for white bass in the Arkansas River, Arkansas. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66:6-11.

Eggleton, M. A., B. G. Batten, C. R. Peacock, and **S. E. Lochmann**. Spotted bass population characteristics and relationships with macrohabitat variables in the Arkansas River, Arkansas. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66:49-56

Rachels, K. T., G. R. Taylor, B. M. Baumhoer, S. Shrestha, and **S. E. Lochmann**. Pellet-reared largemouth bass competitive ability at various levels of exposure to live forage. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66:16-19

2012

**Lochmann, S. E.**, K. J. Goodwin, and C. L. Racey. Temperature and maternal effects on hatch rate and length at hatch of hybrid striped bass larvae. *North American Journal of Aquaculture* 74:283-288.

Neal, J. W., C. M. Adelsberger, and **S. E. Lochmann**. A comparison of larval fish sampling methods for tropical island streams. *Marine and Coastal Fisheries* 4:23-29.