

## Peer-Reviewed Publications from Louisiana State Wildlife Grants

### T-5:

Legrand, H.G., M.J. Chamberlain, and E.B. Moser. 2007. Diversity and abundance of breeding birds in a managed Loblolly Pineforest in Louisiana. *American Midland Naturalist* 157(2):329-344.

### T-6:

Heltzel, J.M., and P.L. Leberg. 2006. Effects of selective logging on breeding bird communities in bottomland hardwood forests in Louisiana. *Journal of Wildlife Management* 70(5):1416-1424.

### T-9:

Coulson, J.O., T.D. Coulson, S.A. DeFrancesch, and T.W. Sherry. 2008. Predators of the swallow-tailed kite in southern Louisiana and Mississippi. *Journal of Raptor Research* 42(1):1-12.

Coulson, J.O., S.J. Taft, and T.D. Coulson. 2010. Gastrointestinal parasites of the Swallow-tailed Kite (*Elanoides forficatus*), including a report of lesions associated with the nematode *Dispharynx* sp. *Journal of Raptor Research* 44(3):208-214.

### T-11:

Leberg, P.L., M.C. Green, B.A. Adams, K.M Purcell, and M.C. Luent. 2007. Response of waterbird colonies in southern Louisiana to recent drought and hurricanes. *Animal Conservation* 10:502-508. PDF at:

<http://claygreen.wp.txstate.edu/files/2013/01/Leberg-et-al-2007.pdf>

Green, M.C., M.C. Luent, T.C. Michot, C.W. Jeske, and P.L. Leberg. 2008. Comparison and assessment of aerial and ground estimates of waterbird colonies. *Journal of Wildlife Management* 72(3):697-706.

Green, M.C., Leberg, P., and M. Luent. 2010. Evaluation of aerial sampling methods for detecting waterbird colonies. *Journal of Field Ornithology* 81(4):411-419. PDF at:

<http://claygreen.wp.txstate.edu/files/2013/01/Green-et-al-2010.pdf>

### T-18:

Pierluissi, S., and S.L. King. 2008. Relative nest density, nest success, and site occupancy of King Rails in southwestern Louisiana rice fields. *Waterbirds* 31(4):530-540.

Pierluissi, S., S.L. King, and M.D. Kaller. 2010. Waterbird nest density and nest survival in rice fields of southwestern Louisiana. *Waterbirds* 33(3):323-330.

King, S., C.S. Elphick, D. Guadagnin, O. Taft, and T. Amano. 2010. Effects of landscape features on waterbird use of rice fields. *Waterbirds* 33:151-159.

**T-22:**

DiMiceli, J.K., P.C. Stouffer, E.I. Johnson, C. Leonardi, and E.B. Moser. 2007. Seed preferences of wintering Henslow's Sparrows. *Condor* 109:595-604. PDF at: <http://www.rnr.lsu.edu/people/pstouffer/reprints/DiMiceliHESPseedPreferencesCondor2007.pdf>

Johnson, E.I., J.K. DiMiceli, and P.C. Stouffer. 2009. Timing of migration and patterns of winter settlement by Henslow's Sparrows. *Condor* 111(4):730-739. PDF at: <http://www.rnr.lsu.edu/people/pstouffer/reprints/JohnsonHESMigrationCondor2009.pdf>

Johnson, E.I., J.K. DiMiceli, P.C. Stouffer, and M.E. Brooks. 2011. Habitat use does not reflect habitat quality for Henslow's Sparrows wintering in fire-managed Longleaf Pine savannas. *The Auk* 128(3):564-576. PDF at: <http://www.rnr.lsu.edu/people/pstouffer/reprints/JohnsonHESPhabitatAuk2011.pdf>

**T-24:**

Bogosian III, V. 2010. Natural history of resident and translocated Alligator Snapping Turtles (*Macrochelys temminckii*) in Louisiana. *Southeastern Naturalist* 9(4):711-720.

**T-32:**

Palasz, L.M., M.E. Brooks, and P.C. Stouffer. 2010. Regional variation in abundance and response to fire by Henslow's Sparrows in Louisiana. *Journal of Field Ornithology* 81(2):139-150. PDF at: <http://www.rnr.lsu.edu/people/pstouffer/reprints/PalaszHeSpJFO2010.pdf>

**T-36:**

Norris, J.L., M.J. Chamberlain, and D.J. Twedt. 2009. Effects of wildlife forestry on abundance of breeding birds in bottomland hardwood forests of Louisiana. *Journal of Wildlife Management* 73(8):1368-1379. PDF at: [http://www.lmvjv.org/library/research\\_docs/2009\\_Norris\\_etal\\_JWM\\_73\\_1368-1379.pdf](http://www.lmvjv.org/library/research_docs/2009_Norris_etal_JWM_73_1368-1379.pdf)

**T-41:**

Valente, J.J., S.L. King, and R.R. Wilson. 2011. Distribution and habitat associations of breeding secretive marsh birds in Louisiana's Mississippi Alluvial Valley. *Wetlands* 31(1):1-10.

Valente, J.J., S.L. King, and R.R. Wilson. 2012. Summer use of rice fields by secretive marsh birds in the Mississippi Alluvial Valley of Northeast Louisiana. *Southeastern Naturalist* 11(3):423-436.

Pickens, B.A., and S.L. King. 2012. Predicting the spatial distribution of king rails in an agricultural landscape. *Condor* 114(1):113-122.

Pickens, B.A., and King, S.L. 2013. Microhabitat selection, demography and correlates of home range size for the King Rail (*Rallus elegans*). *Waterbirds* 36(3):319-329.

**T-45:**

Brown, K.M., G. George, and W. Daniel. 2010. Urbanization and a threatened freshwater mussel: evidence from landscape scale studies. *Hydrobiologia* 655(1):189-196.

**T-46:**

MacRoberts, B.R., M.H. MacRoberts, C.S. Reid, and P.L. Faulkner, . 2009. Vascular flora of Morse Clay Prairies in northwestern Louisiana. *Journal of the Botanical Research Institute of Texas* 3(1):355-366.

**T-49:**

Markos, P.D., M.D. Kaller, and W.E. Kelso. 2016. Channel stability and the temporal structure of coastal stream aquatic insect assemblages. *Fundamental and Applied Limnology* 188:187-189

**T-55:**

Kang, S.R., and S.L. King. 2012. Influence of salinity and prey presence on the survival of aquatic macroinvertebrates of a freshwater marsh. *Aquatic Ecology* 46(4):411-420.

Kang, S.R., and S.L. King. 2013. Seasonal comparison of aquatic macroinvertebrate assemblages in a flooded coastal freshwater marsh. *Open Journal of Ecology* 3(2):94-101. PDF at: [http://file.scirp.org/pdf/OJE\\_2013050715302343.pdf](http://file.scirp.org/pdf/OJE_2013050715302343.pdf)

Kang, S.R., and S.L. King. 2013. Effects of hydrologic connectivity on pond environmental characteristics in a coastal marsh system. *Southeastern Naturalist* 12(3): 568-578. PDF at:

[http://www.lacoast.gov/crms2/crms\\_public\\_data/publications/Kang%20and%20King%202013b.pdf](http://www.lacoast.gov/crms2/crms_public_data/publications/Kang%20and%20King%202013b.pdf)

Kang, S.R., and S.L. King. 2013. Effects of hydrologic connectivity on aquatic macroinvertebrate assemblages in different marsh types. *Aquatic Biology* 18:149-160. PDF at: <http://www.int-res.com/articles/ab2013/18/b018p149.pdf>

Kang, S.R., and S.L. King. 2013. Seasonal nekton assemblages in a flooded coastal freshwater marsh, Southwest Louisiana, USA. *Open Journal of Ecology* 3(2):116-121.

Kang, S.R., and S.L. King. 2014. Suitability of coastal marshes as Whooping Crane (*Grus americana*) foraging habitat in Southwest Louisiana, USA. *Waterbirds* 37(3):254-263.

**T-57:**

Carr, J.L., S.R. Holcomb, and M.J. Ray. 2011. Basking in the Alligator Snapping Turtle, *Macrochelys temminckii* (Testudines: Chelydridae). Reptiles and Amphibians, Conservation and Natural History 18:2-5. PDF at: [http://www.ulm.edu/~carr/Carr-et al\\_2011\\_basking\\_Macrochelys.pdf](http://www.ulm.edu/~carr/Carr-et al_2011_basking_Macrochelys.pdf)

Holcomb, S.R., and J.L. Carr. 2011. Infestation of a naturally incubated nest of the Alligator Snapping Turtle, *Macrochelys temminckii*, by the Phorid fly *Megaselia scalaris*. Southwestern Naturalist 56(3):427-429. PDF at: [http://www.ulm.edu/~carr/Holcomb-Carr\\_2011\\_phorids\\_in\\_Macrochelys\\_nest.pdf](http://www.ulm.edu/~carr/Holcomb-Carr_2011_phorids_in_Macrochelys_nest.pdf)

Holcomb, S.R., and J.L. Carr. 2011. Hatchling emergence from naturally incubated Alligator Snapping Turtle (*Macrochelys temminckii*) nests in northern Louisiana. Chelonian Conservation and Biology 10(2):222-227. PDF at: [http://www.ulm.edu/~carr/Holcomb-Carr\\_2011\\_Macrochelys\\_nest\\_emergence.pdf](http://www.ulm.edu/~carr/Holcomb-Carr_2011_Macrochelys_nest_emergence.pdf)

Holcomb, S.R., and J.L. Carr. 2013. Mammalian depredation of artificial Alligator Snapping Turtle (*Macrochelys temminckii*) nests in North Louisiana. Southeastern Naturalist 12(3):478-491. PDF at: <http://tinyurl.com/zldhu44>

**T-61:**

Brown, K.M., W. Daniel, and G. George. 2010. The effect of Hurricane Katrina on the mussel assemblage of the Pearl River, Louisiana. Aquatic Ecology 44:223-231. PDF at: <http://www.vliz.be/imisdocs/publications/211117.pdf>

Daniel, W.M., K.M. Brown, and M.D. Kaller. 2014. A tiered aquatic life unit bioassessment model for Gulf of Mexico coastal streams. Fisheries Management and Ecology 21(6):491-502.

Daniel, W.M., K.M. Brown. 2014. The role of life history and behavior in explaining unionid mussel distributions. Hydrobiologia 734(1):57-68.

**T-65:**

Raynor, E.J., A.R. Pierce, C.M. Leumas, and F.C. Rohwer. 2012. Breeding habitat requirements and colony formation by Royal Terns (*Thalasseus maximus*) and Sandwich Terns (*T. sandvicensis*) on barrier islands in the Gulf of Mexico. The Auk 129(4):763-772.

Raynor, E.J., T. Owen, A.R. Pierce, C. Leumas, and F.C. Rohwer. 2012. Sooty Terns breeding on Isle Dernieres barrier island chain, Terrebonne Parish, Louisiana. The Journal of Louisiana Ornithology 9:1-6.

Raynor, E.J., A.R. Pierce, T.M. Owen, C.M. Leumas, and F.C. Rohwer. 2013. Short-term demographic responses of a coastal waterbird community after two major hurricanes. Waterbirds 36(1):88-93. PDF at: <http://tinyurl.com/hzd9djz>

Owen, T.M., and A.R. Pierce. 2013. Hatching success and nest site characteristics of Black Skimmer (*Rynchops niger*) on the Isles Dernieres Barrier Island Refuge, Louisiana. *Waterbirds* 36(3):342-347.

Owen, T.M., and A.R. Pierce. 2014. Productivity and chick growth rates of Royal Tern (*Thalasseus maximus*) and Sandwich Tern (*Thalasseus sandvicensis*) on the Isles Dernieres Barrier Island Refuge, Louisiana. *Waterbirds* 37(3):245-253.

**T-70-R:**

Kaller, M.D., C.E. Murphy, W.E. Kelso, and M.R. Stead. 2013. Basins for fish and ecoregions for macroinvertebrates: Different spatial scales are needed to assess Louisiana wadable streams. *Transactions of the American Fisheries Society* 142:767-782.

**T-75:**

Alford, J.B. 2014. Multi-scale assessment of habitats and stressors influencing stream fish assemblages in the Lake Pontchartrain Basin, USA. *Hydrobiologia* 738(1):129-146.

PDF at:

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.723.8812&rep=rep1&type=pdf>

**T-89:**

Camak, D.C., and K.R. Piller. 2018. Going with the flow: Testing the role of habitat isolation among three ecologically divergent darter species. *Copeia* 106:375-387.

**T-90:**

Vasseur, P.L., and P.L. Leberg. 2015. Effects of habitat edges and nest-site characteristics on Painted Bunting nest success. *Journal of Field Ornithology* 86(1):27-40.

Vasseur, P.L., and P.L. Leberg. 2016. Video surveillance of Painted Bunting nests to determine the effect of parental behavior on nest success. *Southeastern Naturalist* 51:1-11.

**T-92:**

Daniel, W.M., and K.M. Brown. 2013. Multifactorial model of habitat, host fish, and landscape effects on Louisiana freshwater mussels. *Freshwater Science* 32(1):193-203.

Brown, K.M., and W.M. Daniel. 2014. The population ecology of the Threatened Inflated Heelsplitter, *Potamilus inflatus*, in the Amite River, Louisiana. *The American Midland Naturalist* 171(2):328-339.

**T-93:**

Zimorski, S.E., T.L. Perkins, and W. Selman. 2013. Chelonian species in the diet of reintroduced Whooping Cranes (*Grus americana*) in Louisiana. *The Wilson Journal of*

Ornithology 125(2):420-423. PDF at:

[http://www.rwrefuge.com/uploads/4/9/4/2/49423019/zimorski\\_et\\_al.\\_2013-\\_turtles\\_in\\_whooping\\_crane\\_diet.pdf](http://www.rwrefuge.com/uploads/4/9/4/2/49423019/zimorski_et_al._2013-_turtles_in_whooping_crane_diet.pdf)

**T-94:**

Fehrenbach, A.K., I. Louque, S.L. McFadden, C. Huntzinger, E. Lyons, S.H. Shively, W. Selman, and P.V. Lindeman. 2016. Habitat-related variation in body size and reproductive output and an examination of reproductive allometry in the Sabine map turtle (*Graptemys sabinensis*) across three river drainages. *Copeia* 104(2):458-468.

Huntzinger, C.C., I.J. Louque, Jr., W. Selman, P.V. Lindeman, and E.K. Lyons. 2019. Distribution and abundance of the alligator snapping turtle (*Macrochelys temmenckii*) in southwestern Louisiana. *Southeastern Naturalist* 18:65-75.

Ilgen, E.L., C.A. Hartson, O.S. Zaleski, and P.V. Lindeman. 2014. Map Turtles of the Mermentau: Status surveys of forgotten populations. *Chelonian Conservation and Biology* 13(1):1-8.

Lindeman, P.V., I. Louque, C. Huntzinger, E. Lyons, S.H. Shively, and W. Selman. 2015. Eye color and chin pattern in the turtle *Graptemys pseudogeographica* in the Calcasieu River drainage of Louisiana, with comparison to adjacent drainages. *Herpetological Review* 46(2):179-185.

Petre, C., W. Selman, B. Kreiser, S. Pearson, and J. Weibe. 2015. Population genetics of the diamondback terrapin, *Malaclemys terrapin*, in Louisiana. *Conservation Genetics* 16:1243-1252.

Selman, W. 2018. Life in skinny water: observations of juvenile diamondback terrapins (*Malaclemys terrapin*) utilizing shallow water habitats. *Herpetological Conservation and Biology* 13:399-407.

Selman, W., B. Baccigalopi, and C. Baccigalopi. 2014. Distribution and abundance of Diamondback Terrapins (*Malaclemys terrapin*) in Southwestern Louisiana. *Chelonian Conservation and Biology* 13(2):131-139.

Selman, W., S.H. Pearson, and J.J. Wiebe. 2019. Population structure and demography of diamondback terrapins (*Malaclemys terrapin*) in coastal Louisiana. *Estuaries and Coasts* 42:1138-1148.

**T-97:**

Taylor, S.J., K.J. AuBuchon, and N.H. Martin. 2012. Identification of floral visitors of *Iris nelsonii*. *Southeastern Naturalist* 11(1):141-144. PDF at: <http://gato->

[docs.its.txstate.edu/biology/faculty-s-documents-on-their-web-page/Noland/22--Taylor-et-al--2012/22.%20Taylor%20et%20al.%202012.pdf](https://docs.its.txstate.edu/biology/faculty-s-documents-on-their-web-page/Noland/22--Taylor-et-al--2012/22.%20Taylor%20et%20al.%202012.pdf)

Martin, N.H., and S.J. Taylor. 2013. Floral preference, flower constancy, and pollen transfer efficiency of the Ruby-throated Hummingbird (*Archilochus colubris*) in mixed arrays of *Iris nelsonii* and *Iris fulva*. *Evolutionary Ecology Research* 15(7):783-792.

**T-98:**

Smith, N.R., A.D. Afton, and T.J. Hess, Jr. 2016. History and nesting population of Bald Eagles in Louisiana. *Southeastern Naturalist* 15(1):12-25.

Smith, N.R., A.D. Afton, and T.J. Hess, Jr. 2016. Morphometric sex determination of After-hatch-year Bald Eagles in Louisiana. *Journal of Raptor Research* 50(3):301-304.

**T-105:**

Woltmann, S., P.C. Stouffer, C.M.B. Burns, M.S. Woodrey, M.F. Cashner, and S.S. Taylor. 2014. Population genetics of Seaside Sparrow (*Ammodramus maritimus*) subspecies along the Gulf of Mexico. *PloS one*, 9(11), e112739. PDF at: <http://www.rnr.lsu.edu/people/taylor/documents/Woltmann-et-al-2014.pdf>

**T-109:**

Walter, S.T., M.R. Carloss, T.J. Hess, G. Athrey, and P.L. Leberg. 2013. Brown pelican movement patterns and population structure. *Condor* 115:788-799.

Walter, S.T., M.R. Carloss, T.J. Hess, and P.L. Leberg. 2013. Hurricane, habitat degradation, and land loss effects on brown pelican nesting colonies, *Journal of Coastal Research* 29:187-195

Walter, S. T., M.R. Carloss, T.J. Hess, and P.L. Leberg. 2014. Demographic trends of Brown Pelicans in Louisiana before and after the Deepwater Horizon oil spill. *Journal of Field Ornithology* 85(4):421-429

Walter, S.T., J.J. Dindo, P.L. Leberg, and J. Karubian. 2014. Factors influencing Brown Pelican (*Pelecanus occidentalis*) foraging movement patterns during the breeding season. *Canadian Journal of Zoology* 92:885-891.

**F13AF01307:**

Reuter, C.N., M.D. Kaller, C.E. Walsh, and W.E. Kelso. 2019. Fish assemblage response to altered dendritic connectivity in the Red River basin, central Louisiana. *American Midland Naturalist* 181:63-80.

Budnick, W.R., S.B. Adams, W.E. Kelso, and M.D. Kaller. 2018. A multi-gear protocol for sampling crayfish assemblages in Gulf of Mexico coastal streams. *Hydrobiologia* 822: 55-67.

**F15AF01267:**

Byerly, P.A., B.G. Merkle, and M. Hepner. 2019. Renewed Hope for Coastal Marshes in Louisiana. *American Scientist* 107:198-202.

**F16AP00199 and F18AP00809:**

Johnson, E.I., and J. Lehman. *In prep.* Status and habitat relationships of the Black Rail (*Laterallus jamaicensis*) in coastal Louisiana. Anticipated submission to *Waterbirds*, Fall 2019.

Emily Holden, *The Guardian*. May 2019. ["A secretive marsh bird faces existential threat from rising seas."](#)

Tristan Baurick, *Audubon.com*. February 2019. ["The secret lives of Black Rails, and the scientists who seek them."](#) Joint publication with *The Times-Picayune/NOLA.com*. ["Louisiana scientists hunt for elusive marsh bird before its habitat sinks under the sea."](#)

John Dillon, *Birding Magazine*. "Saving rails, Serving kids."

Minden Press-Herald. February 2019. ["MHS Nature Club featured in magazine."](#)

Delta Dispatches Podcast. November 2018. ["In Search of Louisiana's Mysterious Marsh Bird."](#)

Tristan Baurick, *The Times-Picayune/NOLA.com*. October 2018. ["Rising seas could put an elusive, red-eyed marsh bird on the endangered species list."](#)