

Long Point Waterfowl's

Avian Energetics Lab

Long Point Waterfowl's Avian Energetics Lab provides unique services not offered commercially at other laboratories in North America. We commonly process birds for our clients, but we also process small mammals, reptiles and amphibians.

Our Services Include:

Composition of carcass or specific tissue: fat, protein and ash content

Custom necropsis: internal/external measurements as specified by the customer

Ingested food items: sorted, identified, dried and weighed

Feathers: wet, dry and protein weights, moult scoring

Reproductive tissue and egg analysis: fat, protein and ash content



Data entry and calculations:

All work is conducted under the strictest of quality control, using well established standard protocols. Rates are reasonable and affordable.

Over 100 scientific papers have been published through data supplied by the Long Point Waterfowl Avian Energetics Lab.

Selected Publications:

- Anderson, E. M., and J. R. Lovvorn. 2011. Contrasts in energy status and marine foraging strategies of White-winged Scoters (*Melanitta fusca*) and Surf Scoters (*M. perspicillata*). *Auk* 128:248-257.
- Anteau, M. J., and A. D. Afton. 2009. Lipid reserves of Lesser Scaup (*Aythya affinis*) migrating across a large landscape are consistent with the Spring Condition Hypothesis. *Auk* 126:873-883.
- Allard, K. A., M. L. Mallory, K. L. Wilcox, and M. R. Forbes. 2008. Prebasic moult initiation and progress in northern fulmars of the High Arctic: do moult and breeding overlap? *Polar Biology* 31:181-188.
- Bailey, M., S. A. Petrie, and S. S. Badzinski. 2008. Diet of Mute Swans in Lower Great Lakes Coastal Marshes. *Journal of Wildlife Management* 72:726-732.
- Badzinski, S. S., and S. A. Petrie. 2006. Lesser Scaup spring nutrient reserve dynamics on the lower Great Lakes. *Wildlife Society Bulletin* 34:395-407.

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