

Stephen Oswald, Ph.D. – academic publications

Authored peer-review journal articles

Oswald, S.A., Nisbet, I.C.T., Chiaradia, A. and Arnold, J.M. (2012) FlexParamCurve: Flexible R package to fit non-linear parametric curves. *Methods in Ecology and Evolution*, Early View DOI: 10.1111/j.2041-210X.2012.00231.x.

Oswald, S.A. and Arnold J.M. (2012) Direct impacts of climatic warming on heat stress in endothermic species: seabirds as bioindicators of changing thermoregulatory constraints. *Integrative Zoology* **7**: 121-136.

Oswald, S.A., Arnold, J.M., Hatch, J. J. and Nisbet, I.C.T. (2012) Piracy at the nest: factors driving kleptoparasitic activities of Common Tern *Sterna hirundo* chicks. *Acta Ornithologica* **47**: 95-100.

Oswald, S.A., Huntley, B., Russell, D. J., Anderson, B., Arnold, J.M., Furness, R. W. and Hamer, K. C. (2011) Physiological effects of climate on distributions of endothermic species. *Journal of Biogeography*, **38**: 430-438.

Arnold, J.M., Ordonez, R., Copeland, D.A., Nathan, R., Scornavacchi, J.M., Tyerman, D.J., and **Oswald, S.A.** (2011) Simple and inexpensive devices to measure heart rate in incubating birds. *Journal of Field Ornithology*, **82**: 288-296.

Oswald, S.A., Bearhop, S., Furness, R.W., Huntley, B. and Hamer, K.C. (2008) Heat stress in a high-latitude seabird: effects of temperature and food supply on bathing and nest attendance of great skuas *Catharacta skua*. *Journal of Avian Biology*. **39**: 163-169.

Arnold J.M., Oswald S.A., Voigt, C. C., Palme, R., Braasch, A., Bauch, C. and Becker P.H. (2008) Taking the stress out of blood collection: comparison of field blood-sampling techniques for analysis of baseline corticosterone. *Journal of Avian Biology*. **39**: 588-592.

Nudds, R.L. & **Oswald, S.A.** (2007) An interspecific test of Allen's Rule: evolutionary implications for endothermic species. *Evolution*, **61**: 2839-2848.

Arnold J.M., **Oswald S.A.**, Limmer, B. and Becker P.H. (2006) The role of age and condition in predicting survival for a long-lived seabird: A mark-recapture analysis of the Common Tern. *Journal of Ornithology*, **147**, Supplement 1: 85 (published abstract).

Oswald, S.A., Arnold, J.M., Hatch, J.J. and Nisbet, I.C.T. (2005) Effect of intraspecific interactions on seasonal decline in productivity of Common Terns *Sterna hirundo*. *Bird Study*, **52**: 70-79.

Manuscripts in review

Arnold, J. M. and **Oswald, S. A.** In review. First confirmed record of a common tern *Sterna hirundo* breeding at one year of age. *Bird Study*, Submitted September 2012.

Oswald, S. A., Wails, C. N., Morey, B. E. and Arnold, J. M. In review. Caspian terns fledge a ring-billed gull chick: Successful waterbird adoption across taxonomic families. *Waterbirds*, Submitted September 2012.