

## PROFESSIONAL PRESENTATIONS

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### ■ CONFERENCE PRESENTATIONS

#### *Oral presentations*

- Powell, A. N and **S. Opperl**.2009 – Movements and survival of first- and second-year king eiders in the Bering and Chukchi Seas. The Wildlife Society 16<sup>th</sup> Annual Conference, September 20-24, Monterey, CA, USA.
- **Opperl, S.** 2009 – Potential effects of climate change on eiders in Alaska. Workshop of the Wildlife Conservation Society "New conservation priorities in a changing Arctic Alaska", April 21-22, Anchorage, AK, USA.
- **Opperl, S.** and A. N. Powell. 2009 – Carbon isotope turnover as a measure of arrival time in migratory birds. Cooper Ornithological Society Annual Meeting, April 16-18, Tucson, AZ, USA.
- **Opperl, S.** and A. N. Powell. 2009 – Assigning birds to regions in the Bering Sea using stable isotopes of feathers. Pacific Seabird Group 36<sup>th</sup> Annual Meeting, February 22-25, Hakodate, Japan.
- **Opperl, S.** and A. N. Powell. 2008 – Does choice of winter region affect nest survival of King Eiders in northern Alaska? 3<sup>rd</sup> North American Sea Duck Conference, November 10-14, Quebec City, QC, Canada.
- Dickson, D. L., **S. Opperl**, G. Raven, A. N. Powell, and T. Bowman. 2008 – Importance of Eastern Chukchi Sea and southeastern Beaufort Sea as spring staging areas for King and Common Eiders. 3<sup>rd</sup> North American Sea Duck Conference, November 10-14, Quebec City, QC, Canada.
- Powell, A. N and **S. Opperl**.2008 – Movements and survival of first-year King Eiders. 3<sup>rd</sup> North American Sea Duck Conference, November 10-14, Quebec City, QC, Canada.
- **Opperl, S.**, A. N. Powell, and D. M. O'Brien. 2008 – Individual variation in nutrient allocation to egg production in an arctic sea duck. 6<sup>th</sup> International Conference on the Applications of Stable Isotope Techniques to Ecological Studies, August 25-29, Honolulu, HI, USA.
- **Opperl, S.**, D. L. Dickson, and A. N. Powell.2008 – Importance of the Eastern Chukchi Sea for King Eiders on migration. 13<sup>th</sup> Alaska Bird Conference, March 3-7, Fairbanks, AK, USA.
- **Opperl, S.** and A. N. Powell. 2008 – Assigning birds to regions in the Bering Sea using stable isotopes of feathers. Alaska Marine Science Symposium, January 20-23, Anchorage, AK, USA.
- **Opperl, S.**, A. N. Powell, and D. L. Dickson. 2007 – Factors influencing King Eider winter movements in the Bering Sea. Pacific Seabird Group Annual Meeting, February 8-11, Asilomar, CA, USA.

- **Oppel, S.**, A. N. Powell, and D. L. Dickson. 2007 – Winter movements of King Eiders in the Bering Sea tracked via satellite telemetry. Alaska Marine Science Symposium, January 21-24, Anchorage, AK, USA.
- **Oppel, S.**, A. N. Powell, and D. L. Dickson. 2006 – Migration patterns and winter movements of King Eiders in the Bering Sea. 4<sup>th</sup> North American Ornithological Conference, October 3-7, 2006, Veracruz, Mexico.
- Phillips, L. M., **S. Oppel**, and A. N. Powell. 2006 – Movements of King Eider (*Somateria spectabilis*) during the non-breeding period in the Bering Sea. 24<sup>th</sup> International Ornithological Congress, August 13-19, 2006, Hamburg, Germany.
- **Oppel, S.** and A. N. Powell. 2006 – Migration strategies and winter movements of King Eiders in the Bering Sea. 12<sup>th</sup> Alaska Bird Conference, February 7-9, 2006, Juneau, AK, USA.

### **Poster presentations**

- **Oppel, S.** and A. L. Mack 2009 – The frugivorous bird assemblage at fruiting *Elmerrillia tsiampaca* in Papua New Guinea. 127<sup>th</sup> Stated Meeting of the American Ornithologists Union, August 12 – 15, Philadelphia, PA, USA.
- **Oppel, S.**, A. N. Powell, and D. M. O'Brien. 2008 – How important are body reserves for King Eider egg formation in northern Alaska? 3<sup>rd</sup> North American Sea Duck Conference, November 10-14, Quebec City, QC, Canada.
- **Oppel, S.** and A. N. Powell. 2008 – Assigning sea ducks to wintering regions in the Bering Sea using stable isotopes of feathers. 3<sup>rd</sup> North American Sea Duck Conference, November 10-14, Quebec City, QC, Canada.
- **Oppel, S.**, R. Federer, A. N. Powell, and T. Hollmén. 2008 – Effects of lipid extraction on  $\delta^{13}\text{C}$ ,  $\delta^{15}\text{N}$ , and  $\delta^{34}\text{S}$  in avian egg yolk. 6<sup>th</sup> International Conference on the Applications of Stable Isotope Techniques to Ecological Studies, August 25-29, Honolulu, HI, USA.
- **Oppel, S.**, A. N. Powell, and D. M. O'Brien. 2008 – King Eiders in northern Alaska depend on food from breeding grounds for egg production. 13<sup>th</sup> Alaska Bird Conference, March 3-7, Fairbanks, AK, USA.
- Huettmann, F. and **S. Oppel**. 2007 – A modelling method for predicting benthic biomass: using RandomForest to link survey data with environmental data for the Bering Sea region. Alaska Marine Science Symposium, January 21-24, Anchorage, AK, USA.
- **Oppel, S.**, B. M. Beaven, and I. G. Jamieson. 2006 – Re-introduction of endangered forest birds to restored islands: lessons learned from Ulva Island, New Zealand. 24<sup>th</sup> International Ornithological Congress, August 13-19, 2006, Hamburg, Germany.
- **Oppel, S.** 2005 – Dragonflies and damselflies of a tropical montane rainforest in Papua New Guinea. 5<sup>th</sup> Worldwide Dragonfly Association Symposium of Odonatology, July 26-30, 2005, Pontevedra, Spain.

■ PUBLIC OUTREACH PRESENTATIONS

- September 2009 – Barrow Young Researcher’s Network, University of Alaska Fairbanks: Effects of climate change on water birds in northern Alaska.
- December 2008 – The Wildlife Society Student Chapter, University of Alaska Fairbanks: Restoring a native bird community in New Zealand.
- November 2008 – National Parks Service, Fairbanks, AK: King Eider migration and seasonal interactions at the individual level.
- May 2008 – Kachemak Bay Shorebird Festival, Homer, AK: King Eider journeys in Alaskan waters.
- October 2007 – The Wildlife Society Student Chapter, University of Alaska Fairbanks: Tracking King Eiders in the Bering Sea.
- February 2007 – Alaska Bird Observatory, Fairbanks, AK: King Eider journeys in the Bering Sea.
- June 2006: Barrow Arctic Science Consortium, Barrow, AK: King Eider research on Alaska’s North Slope.
- November 2005 – The Wildlife Society Student Chapter, University of Alaska Fairbanks: Papua New Guinea – Land of the Unexpected.
- June 2004 – Wildlife Conservation Society, Goroka, Papua New Guinea: The German Wadden Sea as a hub for bird migration.
- December 2002 – Institute for Avian Research, Wilhelmshaven, Germany: The role of breeding biology and habitat selection for the conservation of the Pale-headed Brush-Finch in southern Ecuador.
- January 2002 – Department of Conservation, Stewart Island, New Zealand: Mohua monitoring on Ulva Island.