

All Publications by Russel Andrews

J. Barlow, P. Tyack, M. Johnson, R. Baird, G. Schorr, R. Andrews and N. Aguilar de Soto. 2013. Trackline and point detection probabilities for acoustic surveys of Cuvier's and Blainville's beaked whales Journal of the Acoustical Society of America. 134:2486-2496.

D. Mathias, A. Thode, J. Straley and R. Andrews. 2013. Acoustic tracking of sperm whales in the Gulf of Alaska using a two-element vertical array and tags Journal of the Acoustical Society of America. 134:2446-2461.

J. K. B. Ford, J. W. Durban, G. M. Ellis, J. R. Towers, J. F. Pilkington, L. G. Barrett-Lennard and R. D. Andrews. 2013. New insights into the northward migration route of gray whales between Vancouver Island, British Columbia, and southeastern Alaska Marine Mammal Science. 29(2):325-337.

M. Moore, R. Andrews, T. Austin, J. Bailey, A. Costidis, C. George, K. Jackson, T. Pitchford, S. Landry, A. Ligon, W. McLellan, D. Morin, J. Smith, D. Rotstein, T. Rowles, C. Slay and M. Walsh. 2013. Rope trauma, sedation, disentanglement, and monitoring-tag associated lesions in a terminally entangled North Atlantic right whale (*Eubalaena glacialis*) Marine Mammal Science. 29(2):E98-E113.

J. N. Waite, V. N. Burkanov and R. D. Andrews. 2012. Prey competition between sympatric Steller sea lions (*Eumetopias jubatus*) and northern fur seals (*Callorhinus ursinus*) on Lovushki Island, Russia Canadian Journal of Zoology-Revue Canadienne De Zoologie. 90(1):110-127.

R. Baird, M. Hanson, G. Schorr, D. Webster, D. McSweeney, A. Gorgone, S. Mahaffy, D. Holzer, E. Oleson and R. Andrews. 2012. Range and primary habitats of Hawaiian insular false killer whales: an assessment to inform determination of critical habitat Endangered Species Research. 18:47-61.

C. O. Matkin, J. W. Durban, E. L. Saulitis, R. D. Andrews, J. M. Straley, D. R. Matkin and G. M. Ellis. 2012. Contrasting abundance and residency patterns of two sympatric populations of transient killer whales (*Orcinus orca*) in the northern Gulf of Alaska Fishery Bulletin. 110(2):143-155.

G. Weingartner, S. Thornton, R. Andrews, M. Enstipp, A. Barts and P. Hochachka. 2012. The effects of experimentally induced hyperthyroidism on the diving physiology of harbor seals (*Phoca vitulina*) Frontiers in Physiology. 3:380.

M. R. Shero, R. D. Andrews, K. C. Lestyk and J. M. Burns. 2012. Development of the aerobic

dive limit and muscular efficiency in northern fur seals (*Callorhinus ursinus*) *Journal of Comparative Physiology B-Biochemical Systemic and Environmental Physiology*. 182(3):425-436.

J. Waite, S. Trumble, V. Burkanov and R. Andrews. 2012. Resource partitioning by sympatric Steller sea lions and northern fur seals as revealed by biochemical dietary analyses and satellite telemetry *Journal of Experimental Marine Biology and Ecology*. 416-417:41-54.

J. Skinner, V. Burkanov and R. Andrews. 2012. Influence of environment, morphology, and instrument size on lactating northern fur seal *Callorhinus ursinus* foraging behavior on the Lovushki Islands, Russia *Marine Ecology Progress Series*. 471:293-308.

P. A. Woodworth, G. S. Schorr, R. W. Baird, D. L. Webster, D. J. McSweeney, M. B. Hanson, R. D. Andrews and J. J. Polovina. 2012. Eddies as offshore foraging grounds for melon-headed whales (*Peponocephala electra*) *Marine Mammal Science*. 28(3):638-647.

A. Altukhov, P. Permyakov, R. Andrews, V. Burkanov, D. Calkins, A. Trukhin and T. Gelatt. 2012. Adult Steller Sea Lion Mortality on Rookeries in the Russian Far East, 2002-2010 *Russian Journal of Marine Biology*. 38:442-447.

R. Baird, G. Schorr, W. DL, S. Mahaffy, D. McSweeney, M. Hanson and R. Andrews. 2011. Open-Ocean Movements of a Satellite-Tagged Blainville's Beaked Whale (*Mesoplodon densirostris*): Evidence for an Offshore Population in Hawai'i? *Aquatic Mammals*. 37:506-511.

S. E. Norberg, V. N. Burkanov, P. Tuomi and R. D. Andrews. 2011. Hematology of Free-Ranging, Lactating Northern Fur Seals, *Callorhinus ursinus* *Journal of Wildlife Diseases*. 47(1):217-221.

R. W. Baird, G. S. Schorr, D. L. Webster, D. J. McSweeney, M. B. Hanson and R. D. Andrews. 2011. Movements of two satellite-tagged pygmy killer whales (*Feresa attenuata*) off the island of Hawai'i *Marine Mammal Science*. 27(4):E332-E337.

J. N. Waite, L. P. Waits, M. Bozza and R. D. Andrews. 2011. Differentiating between Steller sea lion (*Eumetopias jubatus*) and northern fur seal (*Callorhinus ursinus*) scats through analysis of faecal DNA *Molecular Ecology Resources*. 11(1):166-170.

C. J. D. Matthews, S. P. Luque, S. D. Petersen, R. D. Andrews and S. H. Ferguson. 2011. Satellite tracking of a killer whale (*Orcinus orca*) in the eastern Canadian Arctic documents ice avoidance and rapid, long-distance movement into the North Atlantic *Polar Biology*. 34(7):1091-1096.

Y. Mitani, R. D. Andrews, K. Sato, A. Kato, Y. Naito and D. P. Costa. 2010. Three-dimensional resting behaviour of northern elephant seals: drifting like a falling leaf *Biology Letters*. 6(2):163-166. doi: DOI 10.1098/rsbl.2009.0719 <Go to ISI>://000275432900005

C. J. Latty, T. E. Hollmen, M. R. Petersen, A. N. Powell and R. D. Andrews. 2010. Abdominally implanted transmitters with percutaneous antennas affect the dive performance of common eiders *Condor*. 112(2):314-322. doi: 10.1525/cond.2010.090022 <Go to ISI>://000279069700014

O. V. Shpak, R. D. Andrews, D. M. Glazov, D. I. Litovka, R. C. Hobbs and L. M. Mukhametov. 2010. Seasonal Migrations of Sea of Okhotsk Beluga Whales (*Delphinapterus leucas*) of the Sakhalin-Amur Summer Aggregation *Russian Journal of Marine Biology*. 36(1):56-62.

O. V. Shpak, R. D. Andrews, D. M. Glazova, D. I. Litovka, R. C. Hobbs and L. M. Mukhametov. 2010. Seasonal Migrations of Sea of Okhotsk Beluga Whales (*Delphinapterus leucas*) of the Sakhalin-Amur Summer Aggregation *Russian Journal of Marine Biology*. 36:56-62..

E. Gurarie, R. D. Andrews and K. L. Laidre. 2009. A novel method for identifying behavioural changes in animal movement data *Ecology Letters*. 12(5):395-408. doi: <http://dx.doi.org/10.1111/j.1461-0248.2009.01293.x>

R. W. Baird, G. S. Schorr, D. L. Webster, D. J. McSweeney, M. B. Hanson and R. D. Andrews. 2009. Movements and habitat use of satellite-tagged false killer whales around the main Hawaiian Islands *Endangered Species Research*. 10:107-121. doi: 10.3354/esr00258 <http://www.int-res.com/abstracts/esr/v10/p107-121/>

J. P. Skinner, S. E. Norberg and R. D. Andrews. 2009. Head striking during fish capture attempts by Steller sea lions and the potential for using head surge acceleration to predict feeding behavior *Endangered Species Research*. 10:61-69. doi: 10.3354/esr00236 <http://www.int-res.com/abstracts/esr/v10/p61-69/>

T. T. Jones, M. D. Hastings, B. L. Bostrom, R. D. Andrews and D. R. Jones. 2009. Validation of the use of doubly labeled water for estimating metabolic rate in the green turtle (*Chelonia mydas* L.): a word of caution *Journal of Experimental Biology*. 212(16):2635-2644. doi: 10.1242/jeb.029330 <Go to ISI>://000268556300020

S. E. Norberg, V. N. Burkanov and R. D. Andrews. 2009. Serum Chemistry Values of Free-ranging, Lactating Northern Fur Seals (*Callorhinus ursinus*) *Journal of Wildlife Diseases*.

45(3):843-848. doi: <Go to ISI>://000268355200031

M. J. Rehberg, R. D. Andrews, U. G. Swain and D. G. Calkins. 2009. Foraging behavior of adult female Steller sea lions during the breeding season in Southeast Alaska Marine Mammal Science. 25(3):588-604. doi: 10.1111/j.1748-7692.2008.00278.x <Go to ISI>://000268031000006

R. A. Andrews, P. Robert and B. Lisa. 2008. Satellite tracking reveals distinct movement patterns for Type B and Type C killer whales in the southern Ross Sea, Antarctica Polar Biology. 31(12):1461-1468. doi: <http://dx.doi.org/10.1007/s00300-008-0487-z>