



Audubon

Hog Island
Audubon Camp

Reading List - Seabird Adaptations for Life at Sea

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- Clay TA, Oppel S, Lavers JL, Phillips RA, Brooke M de L. 2018. Divergent foraging strategies during incubation of an unusually wide-ranging seabird, the Murphy's petrel. *Marine Biology*. 166(1):8. doi:10.1007/s00227-018-3451-7.
- Evans TJ, Kadin M, Olsson O, Åkesson S. 2013. Foraging behaviour of common murrelets in the Baltic Sea, recorded by simultaneous attachment of GPS and time-depth recorder devices. *Marine Ecology Progress Series*. 475:277–289. doi:10.3354/meps10125.
- Fayet AL, Freeman R, Shoji A, Padgett O, Perrins CM, Guilford T. 2015. Lower foraging efficiency in immatures drives spatial segregation with breeding adults in a long-lived pelagic seabird. *Animal Behaviour*. 110:79–89. doi:10.1016/j.anbehav.2015.09.008.
- Grémillet D, Chauvin C, Wilson RP, Maho YL, Wanless S. 2005. Unusual feather structure allows partial plumage wettability in diving great cormorants *Phalacrocorax carbo*. *Journal of Avian Biology*. 36(1):57–63. doi:10.1111/j.0908-8857.2005.03331.x.
- Harris MP. 2014. Aging Atlantic Puffins *Fratercula arctica* in summer and winter. *Seabird*. 27:21–40. Accessible at: <http://www.seabirdgroup.org.uk/seabird-27-21>
- Nevitt GA, Losekoot M, Weimerskirch H. 2008. Evidence for olfactory search in wandering albatross, *Diomedea exulans*. *Proceedings of the National Academy of Sciences of the United States of America*. 105(12):4576–4581. doi:10.1073/pnas.0709047105.
- Orgeret F, Weimerskirch H, Bost CA. 2016. Early diving behaviour in juvenile penguins: improvement or selection processes. *Biology Letters*. 12(8):20160490. doi:10.1098/rsbl.2016.0490.
- Perrins CM, Harris MP, Britton CK. 1973. Survival of Manx shearwaters *Puffinus puffinus*. *Ibis*. 115(4):535–548. doi:10.1111/j.1474-919X.1973.tb01991.x
- Rijke AM. 1970. Wettability and Phylogenetic Development of Feather Structure in Water Birds. *Journal of Experimental Biology*. 52(2):469–479. Accessible at: <https://jeb.biologists.org/content/52/2/469>

- Sato K, Shiomi K, Marshall G, Kooyman GL, Ponganis PJ. 2011. Stroke rates and diving air volumes of emperor penguins: implications for dive performance. *Journal of Experimental Biology*. 214(17):2854–2863. doi:10.1242/jeb.055723.
- Votier SC, Grecian WJ, Patrick S, Newton J. 2011. Inter-colony movements, at-sea behaviour and foraging in an immature seabird: results from GPS-PPT tracking, radio-tracking and stable isotope analysis. *Marine Biology*. 158(2):355–362. doi:10.1007/s00227-010-1563-9
- Votier SC, Fayet AL, Bearhop S, Bodey TW, Clark BL, Grecian J, Guilford T, Hamer KC, Jeglinski JWE, Morgan G, et al. 2017. Effects of age and reproductive status on individual foraging site fidelity in a long-lived marine predator. *Proceeding of the Royal Society: Biological Sciences*. 284(1859):20171068. doi:10.1098/rspb.2017.1068.
- Weimerskirch H. 2007. Are seabirds foraging for unpredictable resources? *Deep-Sea Research Part II- Topical Studies in Oceanography*. 54(3–4):211–223. doi:10.1016/j.dsr2.2006.11.013.
- Williams CL, Meir JU, Ponganis PJ. 2011. What triggers the aerobic dive limit? Patterns of muscle oxygen depletion during dives of emperor penguins. *Journal of Experimental Biology*. 214(11):1802–1812. doi:10.1242/jeb.052233.
- Yoda K, Yamamoto T, Suzuki H, Matsumoto S, Müller M, Yamamoto M. 2017. Compass orientation drives naïve pelagic seabirds to cross mountain ranges. *Current Biology*. 27(21):R1152–R1153. doi:10.1016/j.cub.2017.09.009.

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