

**Frosty Feathers:  
Avian Tales of Winter Survival  
by Dr. Susan Sharbaugh  
*Science for Alaska Lecture Series 2009***

A list of materials about this topic provided by Aldean Kilbourn,  
Geophysical Institute Keith B. Mather Library



### Internet Resources

#### **GENERAL INFORMATION (ALL SITES ACCESSIBLE AS OF 20 APRIL 2009)**

Alaska Bird Observatory. <<http://www.alaskabird.org/>>.

Alaska Birding Resources and Other Links. Alaska Bird Observatory.

<[http://test.alaskabird.org/?page\\_id=284](http://test.alaskabird.org/?page_id=284)>.

Alaska Bird Observatory provides links to other websites that highlight Alaska's birds, birding in Alaska and the Yukon, conservation of northern ecosystems and wildlife and other topics that relate to its mission.

Alaska Department of Fish & Game - Division of Wildlife Conservation. For the Birds.

<<http://wildlife.alaska.gov/index.cfm?adfg=birds.main>>.

Alaska Department of Fish and Game. Wildlife Notebook Series. [modified 2007 November 19].

<<http://www.adfg.state.ak.us/pubs/notebook/notehome.php>>.

The ADF&G Wildlife Notebook Series includes descriptions of more than 100 of Alaska's wild fish and game.

Alaskan-Adventures. The Alaskan Ptarmigan. [modified 2008 December 30].

<<http://www.alaskan-adventures.com/alaska-ptarmigan.htm>>.

ASCAR/Online: American Society of Crows and Ravens. <<http://www.ascaronline.org/>>.

Audubon's Birds of America. National Audubon Society. 2005.

<[http://www.audubon.org/bird/boa/BOA\\_index.html](http://www.audubon.org/bird/boa/BOA_index.html)>.

Black-capped Chickadee. Cornell Lab of Ornithology. 2003.

<[http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Black-capped\\_Chickadee.html](http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Black-capped_Chickadee.html)>.

Boreal Chickadee (*Poecile hudsonicus*). National Audubon Society. 2009.

<<http://stateofthebirds.audubon.org/cbid/profile.php?id=5>>.

Listen to the vocalization of a chickadee, as well as learn general information.

Common Raven (*Corvus corax*). Cornell Lab of Ornithology. 2003.

<[http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Common\\_Raven.html](http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Common_Raven.html)>.

Birds of the Kaweah River Delta Region: Common Raven.

<<http://www.kaweahoaks.com/html/raven.html>>.

Common Redpoll (*Carduelis flammea*). Cornell Lab of Ornithology. 2003.

<[http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Common\\_Redpoll.html](http://www.birds.cornell.edu/AllAboutBirds/BirdGuide/Common_Redpoll.html)>.

Cornell Lab of Ornithology. 2008. <<http://www.birds.cornell.edu/>>.

Comprehensive site with incredible amounts of information.

- Gilbert J. Birds in Alaska. 2006. <<http://www.birdsinalaska.org/>>.
- Gilbert J. Birds of Interior Alaska. Woodpeckers. <<http://www.birdsinalaska.org/woopecters.htm>>.
- Miller J. UAF's most wanted birds. *SunStar* online 12 April 2005.  
<<http://www.uaf.edu/sunstar/archives/20050412/birds.htm>>.
- National Audubon Society. 2009. <<http://www.audubon.org/>>.
- Nijhuis M. Friend or foe? Crows never forget a face, it seems. *NYTimes*, 25 August 2008.  
<<http://xtine66.vox.com/library/post/friend-or-foe-crows-never-forget-a-face-it-seems.html>>.
- North Dakota 4-H. Nature Trails: Feeding Wild Birds. [PDF file].  
<[http://www.ext.nodak.edu/4h/programs/NT1/NT1\\_Ch5.pdf](http://www.ext.nodak.edu/4h/programs/NT1/NT1_Ch5.pdf)>.
- North Slope Raven Project. University of Alaska Fairbanks. 2005. <<http://www.rap.uaf.edu/raven/>>
- Ptarmigan Hotlist. Iwebquest.com. 2004.  
<<http://www.iwebquest.com/alaska/webquest/animals/ptarmigan.htm>>.
- Rogers J. The common raven is no birdbrain. *Fairbanks Daily News-Miner*. 24 February 2008.  
<<http://www.newsminer.com/news/2008/feb/24/common-raven-no-birdbrain/>>.
- Rozell N. 2004. Alaska chickadees outsmart their Colorado cousins. *Alaska Science Forum*, no.1690. <<http://www.gi.alaska.edu/ScienceForum/ASF16/1690.html>>.
- Rozell N. 2006. American dipper swims throughout Alaska winters. *Alaska Science Forum*, no.1832. <<http://www.gi.alaska.edu/ScienceForum/ASF18/1832.html>>.
- Rozell N. 2003. A chickadee's midwinter night's roost. *Alaska Science Forum*, no.1641.  
<<http://www.gi.alaska.edu/ScienceForum/ASF16/1641.html>>.
- Rozell N. 2006. North Slope ravens force researcher to go incognito. *Alaska Science Forum*, no.1808. <<http://www.gi.alaska.edu/ScienceForum/ASF18/1808.html>>.
- Rozell N. 2008. Should birds stay, or should they go? *Alaska Science Forum*, no.1922.  
<<http://www.gi.alaska.edu/ScienceForum/ASF19/1922.html>>.
- Rozell N. 2000. When a young chickadee's fancy turns to love. *Alaska Science Forum*, no.1482.  
< <http://www.gi.alaska.edu/ScienceForum/ASF14/1482.html>>.
- Rozell N. 2008. Where are Alaska bats right now? *Alaska Science Forum*, no.1928.  
<<http://www.gi.alaska.edu/ScienceForum/ASF19/1928.html>>.
- Rozell N. 2007. You can fool some of the ravens some of the time. *Alaska Science Forum*, no.1870. <<http://www.gi.alaska.edu/ScienceForum/ASF18/1870.html>>.
- Tenth Alaska Bird Conference and Workshops. 15-19 March 2004. [PDF].  
<<http://www.audubon.org/chapter/ak/ak/images/abcprog.pdf>>.  
Toward the end of this pdf are abstracts of the presentations as well as contact information for each of the presenters. Many of these presenters have web presence and some of their papers are available online.
- Welcome to Alaska: Bird Watching. 2006. <<http://www.welcometoalaska.com/birdwatch.htm>>.
- Wild Birds Forever. <<http://www.birdsforever.com/chickdee.html>>.  
A commercial site but with some feeding information to attract chickadees to your back yard. Wild Birds Forever

home page has a "search this site" box for seeking information on other birds as well.

Wild Birds-Unlimited. <<http://www.wbu.com/education/>>.  
Commercial site but with educational resources on several bird species.



## Book Resources

Alaska Bird Observatory. Winter Wings: A Guide to Common Winter Birds of Alaska.  
Created by and available at ABO.

American Ornithologists' Union, Academy of Natural Sciences of Philadelphia and Cornell Lab of Ornithology. (1992) Birds of North America.  
A prestigious series that describes the life history of 700+species of birds that nest in the United States and Canada. It is updated annually. Available at the UAF Rasmussen Library and by subscription on-line.

Carcy, C. (ed.). 1996. Avian Energetics and Nutritional Ecology. New York: Chapman & Hall. 543 p.

Gabrielson, I.N.; Lincol, F.C. 1959. Birds of Alaska. [8 volumes]. Harrisburg/Washington: The Stackpole Co. 922 p.

Harrap, S.; Quinn, D. 1996. Chickadees, Tits, Nuthatches & Treecreepers. Princeton, NJ: Princeton University Press. 392 p.

Heinrich, B. 2007. Mind of the Raven: Investigations and Adventures with Wolf-Birds. New York: Harper Perennial. 432 p. (1999 hardback edition is out of print.)

Heinrich, B. 1991. Ravens in Winter. New York: Vintage. 400 p.

Heinrich, B. 2003. Winter World: The Ingenuity of Animal Survival. New York: Harper Perennial, 368 p.

Kaufman, K. 2000. Birds of North America. Boston: Houghton, Mifflin, 384 p.

Otter, K. 2007. Ecology and Behavior of Chickadees and Titmice: An Integrated Approach. Oxford University Press, 344 p.

Podulka, S. & Rohrbaugh, R.W. 2004. Handbook of Bird Biology (2<sup>nd</sup> ed.). Cornell Lab of Ornithology/Princeton University Press, 1248 p.

Smith, R.L. 2008. Interior & Northern Alaska: A Natural History. Bothell, WA: Book Publishers Network, 408 p.

Smith, S.M. 1992. The Black-capped Chickadee: Behavioral Ecology and Natural History. Ithaca, NY: Comstock Book/Cornell University Press, 362 p.

Smith, S. 1997. Wild Bird Guides: Black-capped Chickadees. Mechanicsburg, PA: Stackpole Books, 96 p.



## Video and Electronic Resources

Godfrey, M.A. 1988. National Audubon Society VideoGuide to the Birds of North America.

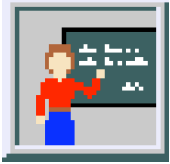
DVD, 388 minutes, Godfrey-Stadin Productions.

2 DVDs describe each of 505 species that reliably breed in North America north of Mexico. Provides voice or sound from Cornell Lab of Ornithology, along with moving footage and still photos of birds in their natural habitat.

PBS Nature: Ravens.

<<http://www.pbs.org/wnet/nature/episodes/ravens/introduction/1506/>>.

Includes video links produced by PBS.



## Teacher Resources

Alaska Bird Observatory. Boreal Forest Songbirds of Alaska Teaching Unit.

Hard copies are available at ABO. Currently not available online.

Alaska Bird Observatory. Songbird Activity Book.

Available at ABO. Currently not available online.

Alaska Bird Observatory. Teaching Materials. Modified 2009 February 24.

<[http://www.alaskabird.org/?page\\_id=225](http://www.alaskabird.org/?page_id=225)>.

Includes units "A Bird's Eye View of Alaska" (elementary targeted) and "Live Owl Programs in Fairbanks".

Alaska Department of Fish & Game: Teacher Resources Wildlife/Aquatic Education.

<<http://www.sf.adfg.state.ak.us/statewide/aquaticed/teacherresource.cfm>>.

Kaufman, K. A Teacher's Guide: Birds of North America.

<[http://www.houghtonmifflinbooks.com/readers\\_guides/kaufman/birds.shtml](http://www.houghtonmifflinbooks.com/readers_guides/kaufman/birds.shtml)>.