

File names and short descriptions of bowhead whale data archives pertinent to the 2012 BCB Bowhead *Implementation Review*.

Type	Filename	Comments	Contact/Data Owner(s)
Aerial Survey data	BWASP.zip	Archive of bowhead aerial survey data from the Beaufort and Chukchi Seas 1982-2010.	M. Ferguson (Megan.Ferguson@noaa.gov)
Age data	Rosaetal.Table1.txt	Aspartic acid age data (1998-2000) from Rosa et al. (in press).	C. Rosa; C. George (crosa@arctic.gov; craig.george@north-slope.org)
Age data	Corpora_age.doc	Ovarian corpora age data from George et al. 2011.	C. George (craig.george@north-slope.org)
Basic data	bh.individual master 1974-2010.xls	Basic data on harvested whales (whale_id, length, sex, harvest date, location, pregnancy status/fetus length).	C. George, R. Suydam (craig.george@north-slope.org)
Genetics	NPdata_phased&single_AS69.csv	Single nucleotide polymorphisms (SNP) genotype for each SNP assay (N=42) for 526 bowhead samples.	P. Morin (phillip.morin@noaa.gov)
Genetics	SNPdata_single_AS69.csv	SNP genotypes after linked SNP loci have been combined into haplotypes, resulting in 29 loci.	P. Morin (phillip.morin@noaa.gov)
Genetics	Strata-SNPs.csv	Listing of all samples currently or previously used for genetic analysis (N=686) and their associated alternate names/ID's, and the strata that they are placed into for SNP and microsatellite analyses (Morin et al. references below) and previous mtDNA analyses (Leduc et al. 2008).	P. Morin (phillip.morin@noaa.gov)
Genetics	SNPSdata_Readme_161111.docx	Metadata for all SNPs files.	P. Morin (phillip.morin@noaa.gov)
Genetics	microSatellite.genotypes – updated 3.xls	Master 2007 bowhead microsatellite file (includes BCB whales from US and Chukotka, Russia).	J. Bickham (bickham@purdue.edu)
Genetics	mtDNA_haplotypes - updated.xls	mtDNA haplotypes for BCB, Chukotka and Okhotsk samples; has GeneticID matched to haplotype ID.	P. Morin (phillip.morin@noaa.gov)
Genetics	mtDNA_sequences_3genes.xls	List of new mtDNA sequences compiled during 2007-2011 including control region, cytochrome b, and ND1 genes listed by individual and haplotype.	J. Bickham (bickham@purdue.edu)
Genetics	mtDNAdata_Readme.docx	Metadata for mtDNA sequences 3 genes file since 2007.	J. Bickham (bickham@purdue.edu)
Genetics	Sex_chromosome_sequences.xls	List of new USP 9Y (Y chromosome) and USP 9X (X chromosome) sequences for whales listed by introns sequenced per individual and X and Y haplotypes.	J. Bickham (bickham@purdue.edu)
Genetics	Sex_chromosomedata_Readme.docx	Metadata for sex chromosome sequences file.	J. Bickham (bickham@purdue.edu)
Photo ID	BarrowCalfSRD.csv	Data on surfacing, respiration, and diving behavior of bowhead calves during spring migration, used to estimate how much more time calves spend at the surface than other whales.	B. Koski; J. Zeh (bkoski@lgl.com; zeh@uw.edu)
Photo ID	BarrowOtherSRD.csv	Data on surfacing, respiration, and diving behavior of bowhead whales other than calves, used with BarrowCalfSRD.csv for the same purpose.	B. Koski; J. Zeh (bkoski@lgl.com; zeh@uw.edu)
Photo ID	Bowphot2009.csv	The photographic database that provided the data for the abundance estimates of Koski et al. (2010).	J. Mocklin; D. Rugh; J. Zeh; B. Koski (julie.mocklin@noaa.gov)
Photo ID	BarrowEffort05.txt	Data on hours of spring photographic survey effort near Barrow by date,	J. Mocklin; D. Rugh; J. Zeh

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		used in estimating the proportion of the bowhead population that is marked.	(julie.mocklin@noaa.gov)
Photo ID	Bowphoto2011.zip	Zip file with all PhotoID abundance files.	C. George (craig.george@north-slope.org)
Satellite Telemetry	Bowhead tagging metadata.pdf	Metadata for all bowhead satellite telemetry data.	L. Quakenbush, ; J. Citta (lori.quakenbush@alaska.gov; john.citta@alaska.gov)
Satellite Telemetry	All_bowhead_IWC.csv	Filtered bowhead location data from a satellite tagging study of bowhead whales in the Bering-Chukchi-Beaufort Seas stock.	L. Quakenbush, ; J. Citta (lori.quakenbush@alaska.gov; john.citta@alaska.gov)
Traditional Knowledge	Bowhead TEK Barrow_Kaktovik Final.pdf	Traditional knowledge about bowhead movements at Barrow and Kaktovik, Alaska.	L. Quakenbush; H. Huntington (lori.quakenbush@alaska.gov; hph@alaska.net)
Traditional Knowledge	Final TK Bowhead AEW_C_Wainwright.pdf	Traditional knowledge about bowhead movements at Wainwright, Alaska.	L. Quakenbush; H. Huntington (lori.quakenbush@alaska.gov; hph@alaska.net)
Traditional Knowledge	Noongwook SLI TEK PM final.pdf	Traditional knowledge about whale movements at St Lawrence Island, Alaska.	G. Noongwook; C. George (craig.george@north-slope.org)
Visual Census	sightings.2010.txt, perches.txt, systems.txt, theodolites.txt	Field data from 2010 visual census and IO experiment.	G. Givens; C. George (geof@lamar.colostate.edu; craig.george@north-slope.org)
Visual Census	Match_2010_Final.xlsx	2010 visual census dataset indicating matches between independent perches.	G. Givens; C. George (geof@lamar.colostate.edu; craig.george@north-slope.org)
Visual Census	ReadMe.2010census.pdf	Metadata for 2010 detection probability analysis.	G. Givens (geof@lamar.colostate.edu)

Affiliations (alphabetically): Eric Archer (NMFS-Southwest Fisheries Science Center (SWFSC)); John Bickham (Purdue University); Chris Clark (Cornell University); Megan Ferguson (NMFS-NOAA National Marine Mammal Laboratory (NMML)); J. Craig George (North Slope Borough, Department of Wildlife Management); Geof Givens, (Colorado State University); Bill Koski (LGL, Ltd.); Ryan Huebinger (TAMU); Susan Lubetkin (UW); Rick LeDuc (SWFSC); Phil Morin (SWFSC); Julie Mocklin (NMFS NMML); George Noongwook (Native Village of Savoonga); Lori Quakenbush (Alaska Department of Fish and Game); Cheryl Rosa (USARC, NSB); David Rugh (NOAA National Marine Mammal Laboratory); Dana Wetzel (Mote Marine Lab); Judith Zeh (UW). Email addresses are noted in the metadata (readme) files and data owner columns.