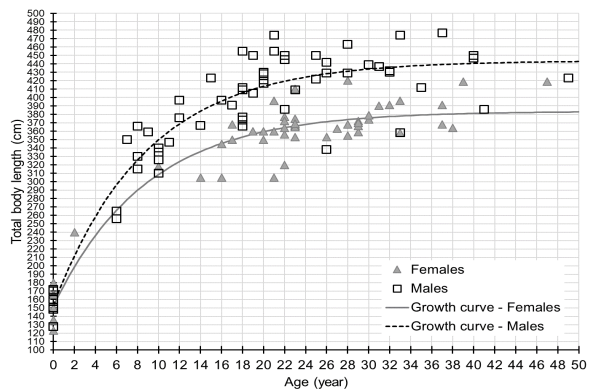
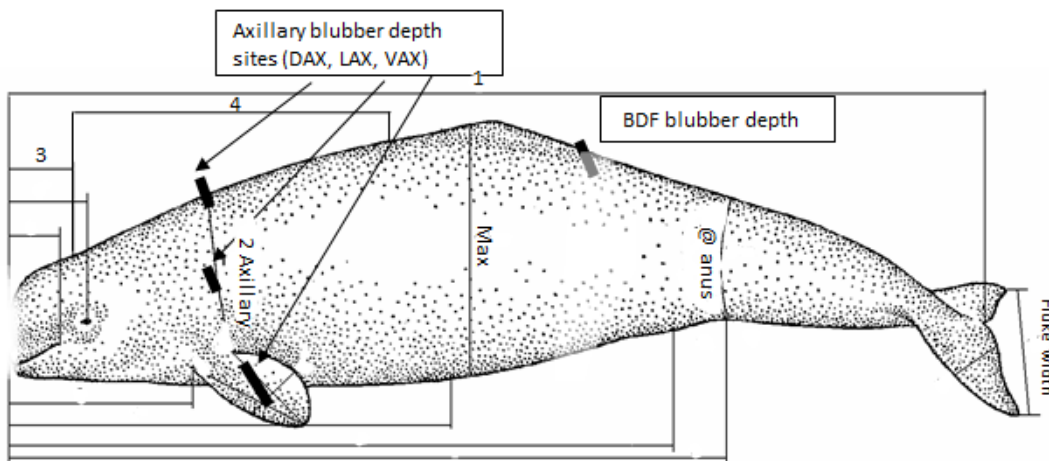
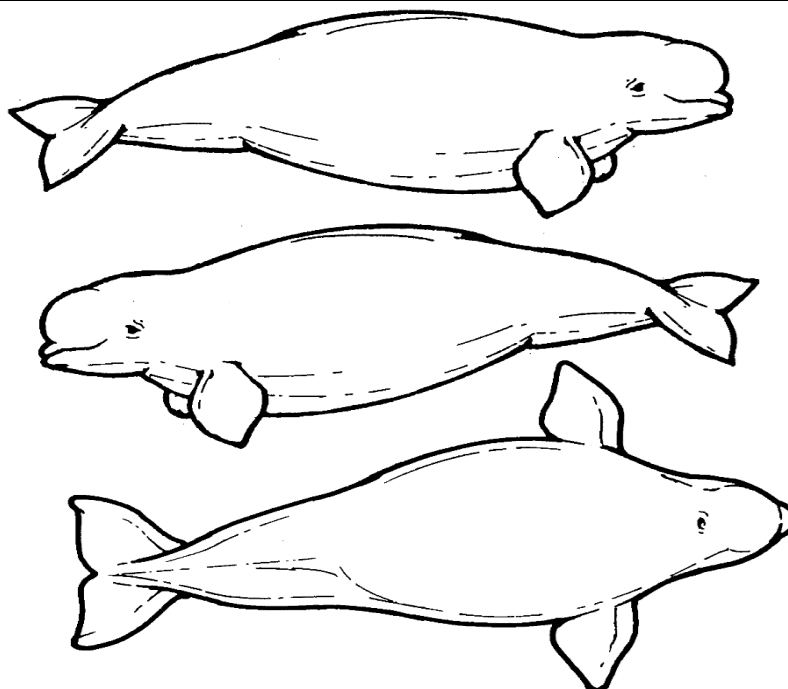


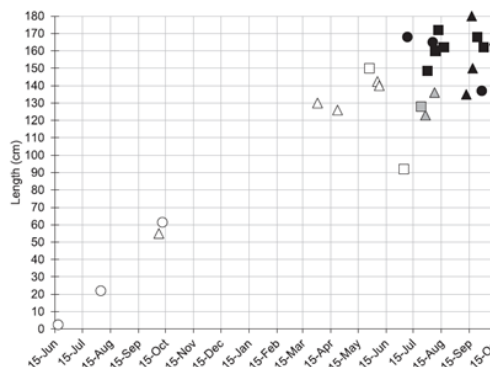
BELUGA

ANIMAL ID				Necropsy Date:
Location				
Lat		Long		
Reported by:				Contact info:
Necropsied by:				Contact info:
Species			Age (circle)	AD; SA; calf; Fetus; Unknown
Forms done:	<input type="checkbox"/> Level A	<input type="checkbox"/> HI	Sex (circle)	M F Unknown
1) Straight Length	cm/in	Weight	lb/kg	est or actual
2) Axillary girth	cm/in	blubber depth	DAX mm; LAX mm; VAX mm	
3) Snout to BH	cm/in	4) BH-Dorsal	cm/in	Blubber BDF mm
Carcass Code	2 (fresh); 2.5 (mild decomp); 3 (moderate); 4 (poor); 5 (mummified / skeletal)			
Body condition	Robust Good average poor emaciated			
Brief History:				
PHOTOS                      Dorsal ridge    Right side    left side    fluke    ventral    dorsal (CIRCLE)				
Necropsy notes:				
NBF = Neutral buffered Formalin				
<b>10% NBF DON'T FREEZE</b> Skin                      Lesions! Muscle                    Testes Ovary R and L            Uterus Lung                        Placentax3 Heart                       Stomach Liver                        Intestinx3 Spleen                      Mes LN Kidney                      Brain Uterus                       Thyroid Adrenal gland              Tongue		<b>small Whirl (FREEZE)</b> Skin                        Lesions! Muscle                      Uterus Testes                      Placentax3 Lung                        chest LN Heart                       Intestine Liver                        Mes LN Spleen                      Brain Kidney                      Tongue		<b>Large whirl with foil (FREEZE)</b> (circle) Blubber DAX or LAX or VAX <b>AND</b> Blubber BDF
		<b>Swabs (code 2/3 only) (FREEZE)</b> BH (VTM/RNALater x3, TSBx2) Rectal (VTM/RNALaterx3, TSBx2) Genital (VTM/RNALaterx2, TSB x2, DRY)		<b>15 or 50 ml cent tubes (FREEZE)</b> Stomach content* feces x2* Urine x3*
<b>DMSO / ETOH (Freeze)</b> Skinx2, Musclex1            Skin				<b>Museum kit - Color top cryovials and whirl (Freeze)</b> Liver, kidney, muscle spleen, heart
<b>TEFLON (code 2 only) Blubber</b> Liver		<b>Large bags (FREEZE)</b> Mandible or teeth, Skull*, stomach*, Repro tract*		
Swabs and Teflon: ONLY FRESH non frozen. # D,L,V AX = dorsal, lateral, ventral axillary; BDF = behind dorsal ; BH=Blowhole; VTM=Viral transport media				

BELUGA



neonates approx 1.6 m (5.2 ft.), females (triangle) < 7yrs and males (square) < 8yrs = SA



**FIGURE 2** Length (straight length in centimeters) and date of collection of beluga whale fetuses (white symbols, n = 10), neonates (gray symbols, n = 3), and calves-of-the-year (black symbols, n = 13) from Cook Inlet, Alaska. Males = squares, females = triangles, unknown sex = circles.

predicted range of conception dates (based on Robeck et al. (2015) estimates of accuracy) fell within the period of March–May (Figure 3a, Table S2). Axillary girth measurements were obtained from 16 of the 26 whales. Applying the formula for TC, 69% (n = 11) of the conception dates (94% (n = 15) when including predicted variation) were