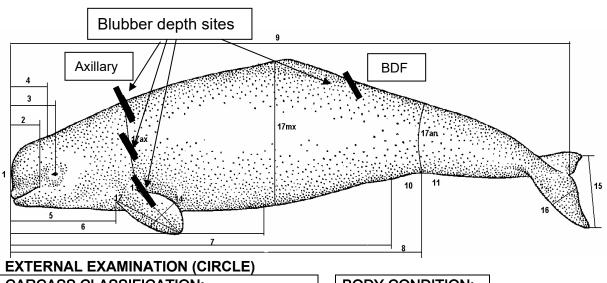
# **BELUGA NECROPSY REPORT**

ID Number:						
Location:	(Lat;Long)					
Reported by:		Contact info	<u>:-</u>			
Date found:			Necrops	y Da	nte:	
Species: beluga (D. leuc	<u>as)                                    </u>		Sex:	М	F	Unknown
Prosectors:	Conta	ct info:				
Weather info <u>:</u>						
Human Interaction Forms	s?; Chain of cu	ustody forms:	·; Leve	el A	form	ns filled out:
BRIEF HISTORY:						

## **GROSS DIAGNOSIS:**

	MEASUREMENTS (	cm unless indicated)	
Tooth count: Total	UpL Up R	Low L Low R	
Diameter / length larges	t tooth		
Basic Measurements	Value	Basic Measurements*	Value
Total length (9)		Skin thickness	
snout to center of blowhole (4)		Blubber thickness, dorsal bdf <b>(w/o</b> <b>skin)</b> straight down from caudal end of dorsal ridge, 45° from spine.	
Center of BH to Dorsal ridge (18)		Blubber thickness, dorsal midline Axillary <b>(w/o skin)</b>	
Girth, anus (17an)		Blubber thickness, ventral midline Axillary <b>(w/o skin)</b>	
Girth at axilla (17ax)		Blubber thickness, lateral Axillary, <b>(w/o skin)</b>	
Fluke width (15)		Weight of the Epaxial L1-12	

Animal Field ID	Date	Initials	



## CARCASS CLASSIFICATION:

Code 2 Fresh

Code 2.5 mild decomposition

Code 3 moderate (decomposed organs intact)

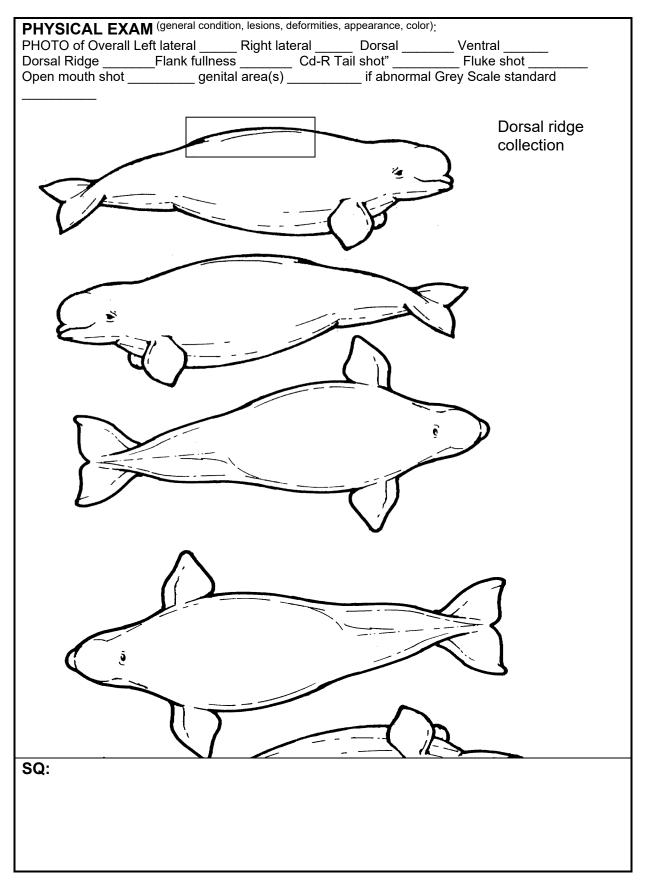
Code 4 Poor (advance decomposition)

Code 5 Mummified

**GROSS NECROPSY FINDINGS:** 

BODY CONDITION:	
1 Robust	
2 Good	
<u>3 Average</u>	
4 Poor	
5 Emaciated	

Animal	Field	ID
/	I ICIU	



Animal Field ID	Date	Initials
	(color of muscle, appearance of	ioint fluid:
Weight of L1-L12 epax		John Hald.
<b>5 1</b>		
BODY CAVITIES:		
Peritoneal Cavity (Abdomen)	: FLUID?	
Pleural (Chest) cavity: FLUI	2?	
		parasites? – don't forget the sinuses and
blowhole). Is the fat band at <b>I</b> f young, check to see if th		
Lung Right:g L	eft:g	
CARDIOVASCULAR:		
Whole Heart Mass	g; RV massg;	LV/ IVS mass g
RAVcm; PA	cm; LAV	cm; AoVcm;
	cm; LV	cm
ENDOCRINE: Adrenals: Right :	aleft a	
Thyroid: Right :	_g Left :g	
LIDINADV. is there fat are	und the kidneys? Location of live	e worms:
	g # of Nodules weight	
Left:g # of No	odules weight of nodule	esg

Animal	Field ID
Aiiiiiai	

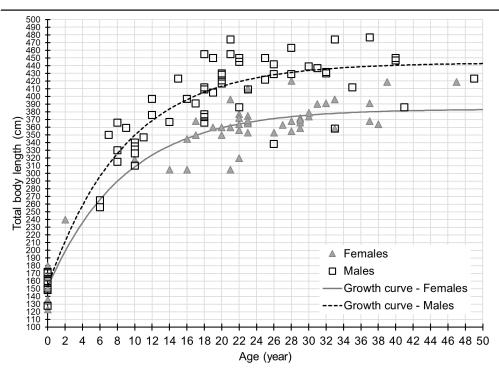
LIVER: (bile, parasites, color, texture)
Liverg
Livei9
<b>DIGESTIVE:</b> (serosal surface, content, mucosal surface, parasites): TEETH PHOTO
DIGESTIVE: (Serosal surface, content, mucosal surface, parasites). TEETTFTTOTO
REPRODUCTIVE: (measure (weight and LXDXH) ovaries, uterine horns, placenta if present),
check for body wall abnormality (photos and sample if so)
Left uterine horn: x x · Right uterine horn: x x ·
Left uterine horn: x x ;   Right ovary: x x ; g; left ovary x x ; g
Weight of testes and epididymus:g
PlacentagXcm
NERVOUS:

#### CARCASS DISPOSITION:

# COMMENTS (CAUSE OF DEATH, INTERPRETATIONS):

## HOW DID YOU TAKE YOUR TOXICOLOGY SAMPLES?:

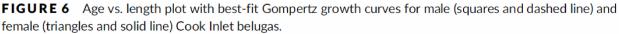
Circle: Ziplocs / Foil / Acetone - cleaned Foil / Teflon / Whirlpak / I-Chem jars Type of gloves (circle): Nitrile, latex, other Powder free / powdered.

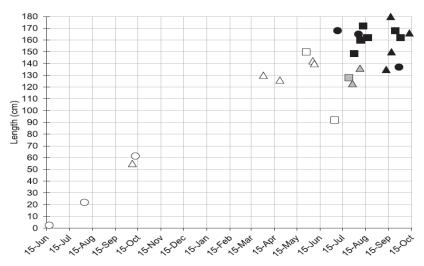


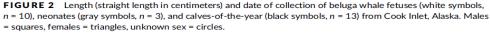
**ESTIMATE THE AGE BY LENGTH:** From Vos 2019 (updated 2022) females with an estimated age of less than seven years and males with an estimated age of less than eight years were coded as juvenile

Initials

Date \_\_







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

from Shelden et al. 2019 Breeding and calving seasonality in CIB Fetus vs neonates vs YOY

6

Animal Field ID \_\_\_\_\_ Date \_\_\_\_ Initials \_\_\_\_\_

AKR age class	Level A Age class	Standard Length*	Tooth Age (if known)	Coloration/ other characteristics
Fetus	calf	Usually < ~150 cm & stillborn	unerupted	Dark gray skin color, fetal folds present, dark ring around each eye, unerupted teeth, curled flukes, stranded before mid-July, lungs do not float/meconium in airway,
Calf (includes yearlings)	calf	Usually <245 cm	< 3 years	Light uniform gray skin color (sometimes looks to be peeling), umbilicus partially or fully healed, immature reproductive tract, milk in stomach?
Juvenile	Juvenile/ Subadult	246- 300 cm(F) 246- 350 cm (M)	3 yrs - 9 yrs	Light gray to gray-white skin color, immature reproductive tract,
Juvenile/ Adult	Adult	300-305 cm (F) 350-360 cm (M)	10 - 13 yrs	White skin color, no examination of reproductive tract, unknown tooth age or length <mark>Unknown sex, &gt;360 cm</mark>
Adult	Adult	> 305 cm (F) > 360 cm (M)	> 13 yrs	White skin color, mature reproductive tract (corpora, sperm, fetus, lactating, flaccid uterus)

Age Classes as updated from Mandy Keogh 1/5/2023

vinyl powder-free nitrile latex

Marine Forensics & Protected Resources Program Chain of Custody Form	
Sample description:	
Case #/Seized Property #:	
Origin of sample:	
Name of sample collector/agent:	
Address of sample collector/agent:	
Phone Number:	
Date collected/seized:	
Collector's Signature:	
Collector's Release signature:	
Release date: Method of transfer:	

Every person subsequently in possession of the sample must complete a receipt/release box on the back of this form. (Each person must sign and date the form twice, once for receipt of the sample, and once for release).

			1
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Release date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Release date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Release date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Receipt date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Release date:	er sin effet effet	
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Receipt date: Release date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Release date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Receipt date:		
Receipt signature: Print name/agency: Release signature: Method of transfer to next person:	Receipt date:		