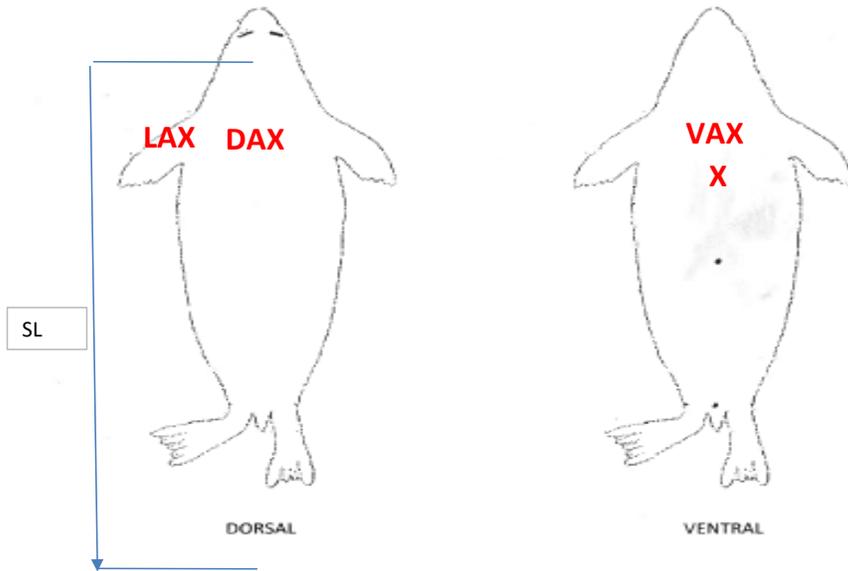


<b>ANIMAL ID:</b>		<b>Necropsy Date:</b>	
<b>Location:</b>			
<b>Latitude:</b>		<b>Longitude:</b>	
<b>Reported by:</b>		<b>Contact info:</b>	
<b>Necropsied by:</b>		<b>Contact info:</b>	
<b>Species:</b>		<b>Age (circle):</b> AD; SA; YOY; Pup; Fetus; Unknown	
<b>Forms done:</b> Level A HI		<b>Sex (circle):</b> M F Unknown	
<b>Straight Length:</b> cm/in		<b>Weight:</b> lb/kg Blubber depth: xiphoid mm	
<b>Axillary girth:</b> cm/in		blubber depth DAX mm; LAX mm; VAX mm	
<b>Carcass Code (circle):</b> 2 (fresh); 2.5 (mild decomp); 3 (moderate); 4 (poor); 5 (mummified / skeletal)			
<b>Body condition (circle):</b> Robust; Good; Average; Poor; Emaciated			
<b>Brief History:</b>			
<b>Necropsy notes:</b>			
<b>PHOTOS</b> Right side left side ventral dorsal Fore flips hind flips (CIRCLE)			
<b>10% NBF DON'T FREEZE</b>		<b>small Whirl (FREEZE)</b>	
Skin	Lesions!	Skin	Lesions!
Muscle	Testes	Muscle	Uterus
Ovary R and L	Uterus	Testes	Placenta x3
Lung	Placentax3	Lung	chest LN
Heart	Stomach	Heart	Intestine
Liver	Intestinex3	Liver	Mes LN
Spleen	Mes LN	Spleen	Brain
Kidney	Brain	Kidney	Tongue
Uterus	Thyroid	<b>Swabs (FREEZE)*</b>	
Adrenal gland	Tongue	Nasal (VTMx2)	Rectal (VTMx2)
other:		Buccal x1	
other:		<b>Quart Ziplock (FREEZE)</b>	
<b>DMSO VIAL (Freeze)</b>		Mandible	
Skinx2	Muscle	<b>Cryos 2mL</b>	
<b>TEFLON</b>		Feces	
Blubber Liver			
Other			
		<b>Large whirl with foil (FREEZE) #</b>	
		Blubber VAX or Xiphoid (circle)	
		<b>Amber vial (FREEZE)</b>	
		Bile	
		<b>15 or 50 ml cent tubes (FREEZE)</b>	
		Stomach content	
		feces x2	
		Urine x2	
		<b>Museum kit - Color top cryovials (FREEZE)</b>	
		Liver, kidney, muscle, spleen, heart	
		whisker x2	
		<b>Large bag (FREEZE)</b>	
		Entire Stomach	
		skull or skeleton	

\*Swabs and Teflon: ONLY FRESH non frozen. # D,L,V AX = dorsal, lateral, ventral axillary; BDF = behind dorsal ; VTM=Viral transport media

External Markings/Measurements/Lesions – Pinnipeds

SSL



- |                                      |                    |
|--------------------------------------|--------------------|
| Needed measurements                  | Extra              |
| 1= Straight length                   | Curvilinear length |
| axillary girth                       | max girth          |
| X = xiphoid blubber depth            |                    |
| DAX = Dorsal axillary blubber depth  |                    |
| LAX = Lateral axillary blubber depth |                    |
| DAX = Dorsal axillary blubber depth  |                    |

Museum Kit Numbers

Sample	ID #
Liver	
Kidney	
Muscle	
Spleen	
Heart	

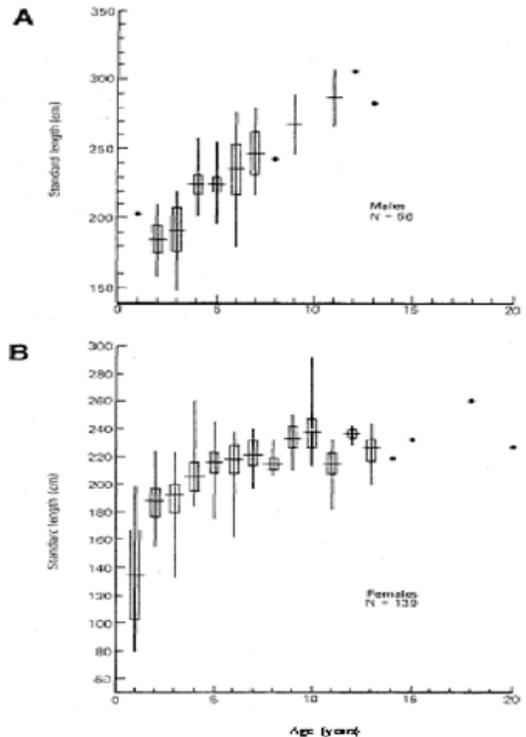


Figure 5. The standard length of male (A) and female (B) northern sea lions for each year of age caught in the Shelikof Strait walleye pollock joint-venture fishery, 1982-1994. Horizontal bar—mean length, vertical bar—range, open box—standard deviation, dots— $<-3$  data points.