

NECROPSY FORM

FIELD #: Ps2	NECROPSY DATE: March 24 2016
SPECIES: PHOCOENA SINUS	STRAND DATE: March 13 2016 detected
AGE CLASS: SUBADULT	STRAND LOCATION: SAN FELIPE, BAJA CALIFORNIA, MX
SEX: FEMALE	THAW DATE: MARCH 23 2016
PROSECTOR(S): LRB, POT, FMDG	CARCASS CONDITION CODE: 4
WEIGHT: 29 KG	TIME: 9.30 AM

E examined, NE not examined, NA not applicable

Cause of Death: Trauma, entanglement.

Samples collected:

Skin in DMSO (2), skin in ethanol (2), muscle in DMSO (2), muscle in ethanol (2),

Stomach contents, intestinal contents (frozen, taken to SWFSC, USA).

Skeleton, teeth, reproductive tract (frozen, at PROFEPA, MX)

Liver, kidney, Blubber: frozen in Teflon, at PROFEPA

STRANDING OR SAMPLING HISTORY: Found dead on beach north of San Felipe, Baja, MX, frozen for two weeks, thawed on ice, transported wrapped in black plastic bags. Scavenged around genital slit, anus, blow hole, organs protruding from genital area



BODY CONDITION (EXTERIOR):

Robust, convex



SKIN / HUMAN INTERACTION:

E

No rostral hairs or fetal folds, umbilicus healed, scar detectable. Skin sloughing from most of body. Linear

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grooves on lateral peduncle approx. 1 cm apart, not parallel, (possible marks from plastic bag at freezing).

Notch in right mandible
pectoral flipper. Bruising

typical of monofilament.
of blubber right thorax

Linear cuts in leading edge right
and neck area



DISCHARGES:	ABSENT
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UMBILICUS: Scarred	E
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Falciform ligament (umbilical vein)/ Umb arteries: Closed,
Urachal ligament (urachus): NE

BLUBBER:	E
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Blubber yellow, patches of green, liquefying. Edematous purple area around ventral neck, right axilla left axilla





SKELETAL MUSCLE: **E**

Hematoma in omothoracic area right side, beneath right scapula

SKELETON AND JOINTS: **E**

Mandibular symphysis separated. No fractures detected on X-ray of head. Skeleton collected whole

EYES: **Right:** E **Left:** E

ORAL CAVITY: **E**

TEETH: Fully erupted, multiple missing teeth with empty sockets presumably post mortem



THORACIC CAVITY: **E**

Approx. 100 mls free bloody fluid in pleura. Scavenged hole in intercostal muscle left side.

ESOPHAGUS: **E**

Empty, no abnormalities detected

THYROID: **NE**

Tissue around neck area decomposed, deep red/purple, edematous

THYMUS:**NE****TRACHEA / BRONCHI / LUNGS:****E**

No parasites detected. Trachea and bronchi normal, no fluid present, lungs deep purple, uniformly congested

HEART / PULMONARY ARTERIES / AORTA :**E**

Apex of heart missing, scavenged, heart valves normal, no roughening. PDA closed

**ABDOMINAL CAVITY:****E**

Organs protruding through scavenged hole ventrally

LIVER:**E**

Deep purple, friable, congested, no parasites seen

SPLEEN: Deep red**E****PANCREAS:****NE****STOMACH:****E**

Fore stomach distended with partially digested fish, approx.. 1 kg of contents with otoliths. Mucosa normal.
No parasites detected.

**SMALL INTESTINE:****E**

Brown liquid contents. No parasites seen.

LARGE INTESTINE: **E**

Brown liquid contents

ADRENAL GLAND: Right: NE Left: NE

URINARY BLADDER: empty **E**

KIDNEY: Right: E Left: E

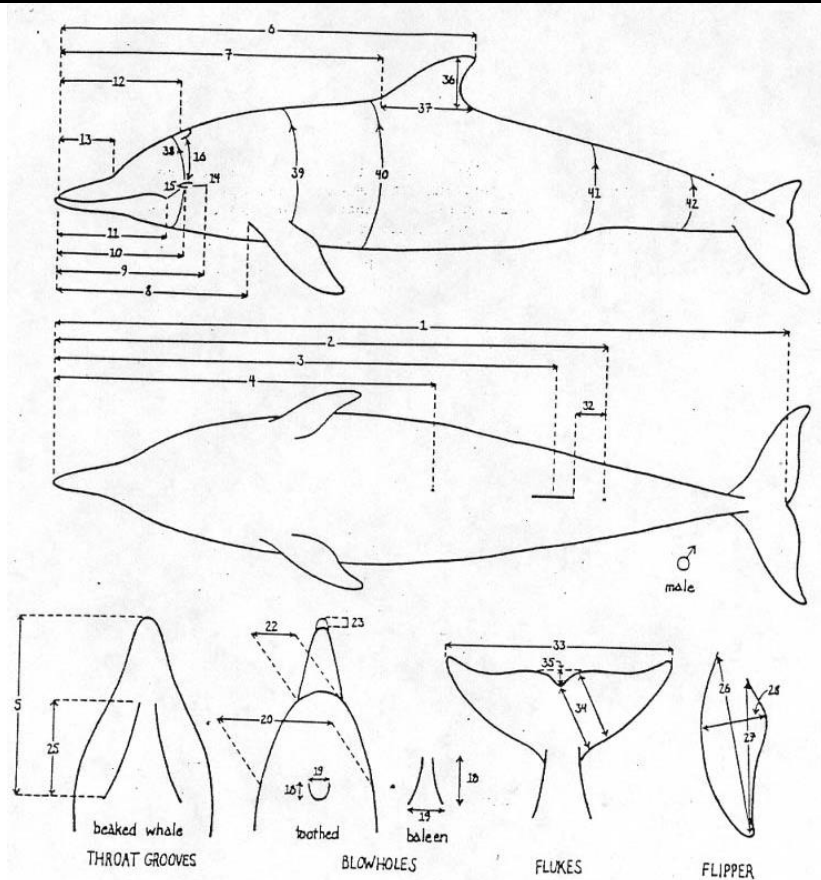
Renules separating through decomposition, no calculi or abnormalities detected

FEMALE REPRODUCTIVE TRACT (Ovaries, Uterus, Cervix, Vagina, Vulva) **E**
PREGNANT? N

Immature reproductive tract, two cervical folds, uterine horns under 1 cm diameter, ovaries smooth.

INSIDE SKULL: **NE**

BRAIN: Cerebrum: NE Cerebellum: NE
Brain stem: NE



measurements (cms)

1 total length..... 127
 2 snout to anus.....82
 3 snout to genital slit.....77
 4 snout to umbilicus.....54
 5 snout to throat grooves.....
 6 snout to dorsal fin tip..... 71
 7 snout to ant dorsal fin..... 58
 8 snout to flipper..... 27
 9 snout to ear..... 20
 10 snout to eye..... 14
 11 snout to gape..... 10
 12 snout to blowhole (s)..... 11
 13 snout to melon apex..... 5
 14 eye to ear..... 5
 15 eye to gape..... 4
 16 eye to blowhole edge, L..... 10
 17 eye to blowhole edge, R..... 10
 18 blowhole length_____width...scavenged
 19 diameter ear opening..... 0.2
 20 head diameter at eyes..... 14
 21 length of eye opening..... 1.5
 22 rostral width, melon apex..... 7.5
 23 projection up/lower jaw.....decomposing

24 n/a
 26 flipper length, anterior..... 24
 27 flipper length, posterior..... 18
 28 flipper width, maximum..... 9
 29 length mammary slits R_____L_____scavenged
 30 number of mammary slits one on right present other
 scavenged
 31 length genital slit _____anal _____
 32 perineal length (males).....
 33 fluke width.....
 34 fluke depth, lobe _____notch _____
 35 fluke notch depth.....
 36 dorsal fin height..... 9
 37 dorsal fin base length..... 17
 38 girth at eye..... 48
 39 girth at axilla..... 70
 40 girth, maximum..... 79
 41 girth at anus..... 48
 42 girth midway anus to notch..... 24
 43 height same place..... 12
 44 thickness same place..... 2.5
 45 blubber thickness, dorsal..... 1
 46 blubber thickness, lateral..... 1
 47 blubber thickness, ventral..... 0.5