



UTICA ZOO

ONE UTICA ZOO WAY, UTICA, NY 13501

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   UTICAZOO.ORG

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Mexican wolf SB # 987 Specimen data

Date of death: 6/22/2017

Specimen Collector: Ellen Hilton, DVM

Utica Zoo

One Utica Zoo Way

Utica, NY 13501

315-738-0472, ext 27

Location: Utica Zoo

One Utica Zoo Way

Utica, NY 13501

Oneida County

Latitude 43.0819 N, Longitude 75.2446 W

MEXICAN WOLF NECROPSY PROTOCOL Am. J. Vet. Res. Vol. 72, No. 11, November

INSTITUTION/OWNER Utica Zoo
 ADDRESS One Utica Zoo Way
Utica, NY 13501

CANID SPECIES Mexican Wolf ANIMAL ISIS ID # 106032
 STUD BOOK # 987 SEX F
 BIRTH DATE/AGE May 19 2005 WEIGHT 26.5 kg

REPRODUCTIVE HISTORY:

SHOWN BEHAVIORAL ESTRUS? yes
 EVER BRED? No
 PRODUCED PUPS? No
 EVER HOUSED WITH OPPOSITE SEX? No - not at Utica

DATE OF DEATH 6/22/17 DATE OF NECROPSY 6/22/17

HISTORY: (Briefly summarize clinical signs, circumstances of death.)

A soft tissue ulcerated mass was noted over her elbow 2 weeks ago. Removed/debulked most of tumor. pathology showed high grade mast cell. Due to location + size of tumor the ~~wound~~ incision was healing w/ partial ²⁰ intention. Rather than keep her alive as healed to have tumor regrow we elected euthanasia, otherwise she was in good shape with normal lab parameters.

Please have your pathologist perform a histopathology on the tissues. Then send the gross examination worksheets and pathologist's report to Dr. Linda Munson, Mexican Wolf SSP® Pathology Advisor; Department VM-PMI, Haring Hall; School of Veterinary Medicine; University of California; Davis, CA 95616; PH: 530-754-7963; Fax: 530-752-

3349. Copies of the completed necropsy reports should be faxed to the SSP[®] Coordinator Peter Siminski, The Living Desert, 47-900 Portola Avenue; Palm De Figure 8-G cont.
PH: 760-346-5694, ext. 2103; FX: 760-568-9685; Email: psiminsk

Animal ISIS ID# 106032

**GROSS EXAMINATION
WORKSHEET**

PROSECTOR: Dr Ellen Hilton : Utica Zoo

GENERAL CONDITION: (Nutritional condition, physical condition)

NEONATES: ~~Examine for malformations (cleft palate, deformed limbs, etc.)~~

lean.

SKIN: (Including pinna, feet)

Decubital ulcers in elbows that developed since surgery.
granulating open surgical site (L) crus of elbow

MUSCULOSKELETAL SYSTEM: (Bones, joints, muscles)

WNL

BODY CAVITIES: (Fat stores, abnormal fluids)

NEONATES: Assess hydration (tissue moistness)

lean. Minimal abd. fat. #

HEMOLYMPHATIC: (Spleen, lymph nodes, thymus)

All WNL

RESPIRATORY SYSTEM: (Nasal cavity, larynx, trachea, lungs, regional lymph nodes)

WNL
NEONATES: Determine if breathing occurred (Do the lungs float in formalin?)

CARDIOVASCULAR SYSTEM: (Heart, pericardium, great vessels)

WNL

DIGESTIVE SYSTEM: (Mouth, teeth, esophagus, stomach, intestines, liver, pancreas, mesenteric lymph nodes)

NEONATES: Is milk present in stomach?

WNL, food in stomachs

URINARY SYSTEM: (Kidneys, ureters, urinary bladder, urethra)

WNL

REPRODUCTIVE SYSTEM: (Testis/ovary, uterus, vagina, penis, prepuce, prostate, mammary glands, placenta)

WNL - small

Left ovary seemed very small.

ENDOCRINE SYSTEM: (Adrenals, thyroid, parathyroids, pituitary)

WNL

(no pituitary exam)

NERVOUS SYSTEM: (Brain, spinal cord, peripheral nerves)

NA we couldn't recover brain tissue as we don't have appr. bone saw etc & wanted to preserve carcass integrity as requested. ← No CNS symptoms

SENSORY ORGANS: (Eyes, ears)

mild lent. sclerotic OU

old cartilage damage to R pinnae

PRELIMINARY DIAGNOSES:

Euthanasia 2° to inoperable

mast cell tumor (path @ Cornell)

Figure 8-G cont.

LABORATORY STUDIES: (List bacterial and viral cultures submitted and results, if available.)

CBC: WNL

Chemistry: WNL

4DX : Neg Hw, Neg Erlich/Anaplasmosis
Lyme (+) since 2015

Histopath:

mast cell tumor (Kiupel high grade)

GAN

Canis lupus baileyi

Mexican wolf

Studbooks WAZA, AZA

Order Carnivora

Family Canidae

IUCN Least Concern (LC)

CITES II

Start Date Jan 01, 1800

End Date Jun 22, 2017

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Basic Animal Information

Sex - Contraception Female -
Birthdate - Age May 19, 2005 - 12Y,1M,3D
Origin Zoo New England, Stone Zoo
Birth Type Captive Born
Sire MIG12-29584716 (STONEHAM / A04055)
Current Collection Main Institution Animal Collection
Clutch / Litter

Local Data Differences

Status Alive
Preferred ID UTICA / 106032
Rearing Parent
Hybrid Status Not Hybrid
Dam MIG12-29588420 (STONEHAM / A00018)
Collection Trip
Enclosure Mexican Wolf

Origin Zoo New England, Franklin Park Zoo
Sire MIG12-29584716 (FRANKLINP / A04055)
Dam MIG12-29588420 (FRANKLINP / A00018)

Visit History

Date in	Acquisition - Vendor/Local ID	Phy Own	Reported By	Disposition - Recipient/Local ID	Phy Own	Date Out
May 19, 2005	Birth/Hatch Owner: USFWS/987	In	STONEHAM / P05026	Loan Transfer To: UTICA/106032	Out	Dec 21, 2006
Dec 21, 2006	Loan In From Sender: STONEHAM/P05026 Vendor: USFWS/987	In	UTICA / 106032			

Identifiers

Reported By	Effective Date	Type	Identifier	Location	Status	Comments
UTICA	Jun 03, 2008	Transponder	Trovan 00-0676-B90B		In-Use	Legacy SLocation: R Shoulder Legacy Comment
UTICA	Jun 03, 2008	Intl Stdbk#	987		Active	
UTICA	Jan 14, 2007	House Name	Aztec		Active	
UTICA	Dec 21, 2006	Local ID	106032		Active	
STONEHAM	Jun 21, 2005	Transponder	00-0676-B90B		In-Use	Legacy SLocation: R scapular Legacy Comment: Trovan verified 15 Dec 2006
STONEHAM	May 19, 2005	Intl Stdbk#	987		Active	
STONEHAM	May 19, 2005	Local ID	P05026		Active	

Sex Information

Reported By	Date	Sex	Comments
UTICA	Dec 21, 2006	Female	
STONEHAM	May 19, 2005	Female	

Parent Info

Reported By	In ZIMS	Parent Info	Type / Probability	Birth Date	Comments
STONEHAM	Yes	MIG12-29588420 [STONEHAM / A00018]	Dam/100%	May 05, 1998	
STONEHAM	Yes	MIG12-29584716 [STONEHAM / A04055]	Sire/100%	May 07, 1998	
UTICA	Yes	MIG12-29588420 [FRANKLINP / A00018]	Dam/100%	May 05, 1998	
UTICA	Yes	MIG12-29584716 [FRANKLINP / A04055]	Sire/100%	May 07, 1998	

Ancestry Information (calculated by Species360 from shared data)

% Pedigree Known	% Pedigree Certain	Taxonomic Inconsistencies	No. Identified Ancestors
10.42%	10.42%	No	14

Rearing Information

Reported By	Start Date	End Date	Rearing	Comments
UTICA	Dec 21, 2006		Parent	
STONEHAM	May 19, 2005		Parent	

No Contraception Information Found**No Life Stage Information Found****No Development Milestones Found****Enclosure History**

Enclosure Name	Date Moved In	Date Moved Out	Move In Reason	Comments
Mexican Wolf	Dec 21, 2006		Quarantine	Group of 0.5 Mexican Wolves (ID #'s 106030, 106031, 106032, 103033 and 106034) entered quarantine in the Mexican Wolf exhibit.

No Management Plan Found**No Permits Found**

No Permits Found

Weights

<u>Reported By</u>	<u>Date</u>	<u>Type</u>	<u>Value</u>	<u>Units</u>	<u>Comments</u>
UTICA	Oct 20, 2009	Live weight	27.63	kilogram	
UTICA	Dec 21, 2006	Live weight	28	kilogram	Migrated from MedARKS Clinical Notes module.
STONEHAM	Dec 15, 2006	Live weight	28	kilogram	
STONEHAM	Jul 29, 2005	Live weight	19	pound	
STONEHAM	Jun 21, 2005	Live weight	3	kilogram	

No Lengths Found

Enrichment Item List

Training Info List

No Feed Log Found

No Alerts Found

Death Information

<u>Reported By</u>	UTICA	<u>Necropsy Topology</u>	
<u>Manner of Death</u>	Euthanasia, medical	<u>Necropsy Etiological</u>	
<u>Death Date</u>	Jun 22, 2017	<u>Relevant Death Information</u>	
<u>Death In Transit</u>	No	<u>Carcass Disposition</u>	Convert to Sample
<u>Primary Body System Affected</u>			

Specimen Report



Species360 27093351

Local ID: UTICA / 106032

GAN

Canis lupus baileyi

Mexican wolf

Studbooks WAZA, AZA

Order Carnivora

Family Canidae

IUCN Least Concern (LC)

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No Management Plan Found

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Utica Zoo

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