

Specimen Report

2016.052
SB 771



ISIS GAN 26310894

Local ID: CINCINNAT / 107100

Canis lupus baileyi

Mexican wolf

Order Carnivora

Family Canidae

IUCN Least Concern (LC)

CITES II

Start Date 1/1/1800

End Date 4/19/2016

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Basic Animal Information

Sex - Contraception Female - Medical method-surgical/Active [CINCINNAT]
Birthdate - Age 5/9/2002 - 13Y,11M,3D at the time of death
Origin Binder Park Zoo
Birth Type Captive Born
Sire MIG12-27879869 (BATTLE CR / 0490)
Current Collection Main Institution Animal Collection
Clutch / Litter

Status Dead
Preferred ID CINCINNAT / 107100 / 107100 / Maya
Rearing Parent
Hybrid Status Not Hybrid
Dam 27696313 (BATTLE CR / 01M30)
Collection Trip
Enclosure

Local Data Differences

Dam 0AM30/BATTLE CR

Visit History

Date in	Acquisition - Vendor/Local ID	Phy Own	Reported By	Disposition - Recipient/Local ID	Phy Own	Date Out
5/9/2002	Birth/Hatch Owner: USFWS/771	In -	BATTLE CR / M02031	Loan Transfer To NY-STATE /UNK	Out -	10/11/2003
11/12/2007	Loan In From Vendor: USFWS/771	In -	CINCINNAT / 107100	Death	Out -	4/12/2016

Identifiers

Reported By	Effective Date	Type	Identifier	Location	Status	Comments
CINCINNAT	2/4/2015	Undetermined	107100 / Maya		Active	
CINCINNAT	11/12/2007	Transponder	032*311*547		In-Use	
CINCINNAT	11/12/2007	Regional Studbook Number	AZA/771		Active	Legacy SLocation: AZA Legacy Comment:
CINCINNAT	11/12/2007	House Name	Maya		Active	
CINCINNAT	11/12/2007	Local ID	107100		Active	

Sex Information

Reported By	Date	Sex	Comments
CINCINNAT	11/12/2007	Female	
BATTLE CR	6/4/2002	Female	

Parent Info

Reported By	In ZIMS	Parent Info	Type / Probability	Birth Date	Comments
BATTLE CR	Yes	27696313 [BATTLE CR / 01M30]	Dam/100%	4/27/1997	
BATTLE CR	Yes	MIG12-27879869 [BATTLE CR / 0490]	Sire/100%	5/9/1994	
CINCINNAT	No	BATTLE CR/0AM30	Dam/100%		
CINCINNAT	Yes	MIG12-27879869 [BATTLE CR / 0490]	Sire/100%	5/9/1994	

Ancestry Information (calculated by ISIS from shared data)

% Pedigree Known	% Pedigree Certain	Taxonomic Inconsistencies	No. Identified Ancestors
65.63%	65.63%	No	14

Rearing Information

Reported By	Start Date	End Date	Rearing	Comments
CINCINNAT	11/12/2007		Parent	
BATTLE CR	6/4/2002		Parent	

Weights

Reported By	Date	Type	Value	Units	Comments
CINCINNAT	4/1/2015	Live weight	26.72	kilogram	
CINCINNAT	4/1/2015	Live weight	58.90	pound	Increase of 2.3 lbs. over last year's weight. Lean but good body condition, according to Dr. Levens.
CINCINNAT	1/31/2013	Live weight	25.64	kilogram	
CINCINNAT	4/4/2012	Live weight	26.92	kilogram	
CINCINNAT	8/18/2010	Live weight	25.58	kilogram	
CINCINNAT	8/18/2010	Live weight	25.58	kilogram	
CINCINNAT	3/25/2009	Live weight	28.24	kilogram	
CINCINNAT	3/25/2009	Live weight	28.24	kilogram	
CINCINNAT	11/15/2007	Live weight	53	pound	

Death Information

Specimen Report: 26310894 | Local ID: CINCINNAT / 107100

Reported By CINCINNAT
Manner of Death Natural/Non-euthanasia
Death Date 4/12/2016
Death In Transit No
Primary Body System Affected

Necropsy Topology
Necropsy Etiological
Relevant Death Information
Carcass Disposition

CINCINNATI ZOO & BOTANICAL GARDEN
Cincinnati, Ohio
POST MORTEM EXAMINATION

Gross Only
Histopathology
Tissues Frozen

DEATH DATE: 12th Apr 16 **NECROPSY DATE:** 13th Apr 16 **PM NO.:** 16-063
COMMON NAME: Mexican Wolf **SCIENTIFIC NAME:** *Canis lupus baileyi*
ID: "Maya" **ISIS NO.:** 107100 **SEX:** 0.1 **AGE:** 14 yrs **WT.:** 26.28 kg
DISPOSITION OF CARCASS: Sent whole frozen carcass to Museum of Southwestern Biology
NECROPSY DIAGNOSIS: Gastritis; gastric bloat

CLINICAL ABSTRACT: Keepers received a report that a visitor had observed Maya vomiting on exhibit this afternoon. She had brought herself into the indoor holding when keepers checked on her. She was salivating profusely and appeared nauseous. No further vomiting was noticed. The exhibit was checked for vomit, diarrhea, or anything abnormal that she might have eaten-- nothing abnormal was noted. When vet staff checked on her she was slightly lethargic but alert. Hunched over while standing and salivating excessively. She was restrained with a catch pole but she did not put up any resistance and remained in sternal recumbency throughout the procedure. Eyes appeared normal (no jaundice), MM = pink, moist. Good body condition. Skin tent was normal-- did not appear dehydrated. No signs of blood or melena. Tried to palpate her abdomen but she was tense and could not feel anything. She did not seem painful when her abdomen was palpated. Plan to treat symptoms today and if she is still abnormal will immobilize to work her up tomorrow. She and Sedona will remain in their indoor holding overnight. Both are NPO until tomorrow.

Rx: Metoclopramide 13.5 mg IM
Rx: Famotidine 13.5 mg IM
Rx: 1 Liter NaCl SQ

PM update: she was checked on by Dr. Nollman around 19:00. She was in lateral recumbency and did not look good at all. Dr. Nollman and I (MKC) went back to check on her immediately with treatment supplies but she was dead upon our arrival. She was transported to the necropsy suite. We will do the PM exam tomorrow AM.

EXTERNAL APPEARANCE: The wolf appeared severely bloated. Otherwise, she was in good body condition.

RESPIRATORY SYSTEM: No gross lesions (NGL) were present in the lungs.

CIRCULATORY SYSTEM: NGL

DIGESTIVE SYSTEM: The stomach was severely bloated. A needle was used to release air from the stomach before making an incision to expose the mucosa. The mucosa had large patches that were brown/purple in color. There was no stool in the intestines.

GENITOURINARY SYSTEM: NGL

NERVOUS SYSTEM: Not examined.

HEMATOPOETIC SYSTEM: NGL

ENDOCRINE SYSTEM: NGL

MUSCULOSKELETAL SYSTEM: NGL

COMMENTS: TP chip was confirmed (032*311*547). Frozen tissues sent with her carcass to the Museum of Southwestern Biology including heart, kidney, spleen and lung. Studbook # 771. OHE done on the 31st of January 2013 at the request of the SSP.

POST MORTEM PERFORMED BY: Drs Mark Campbell, Greg Levens and Jenny Nollman

TISSUE SECTIONS

RESPIRATORY:

- Trachea
- Lung
- Diaphragm

GASTROINTESTINAL:

- Tongue
- Parotid Gland
- Esophagus
- Crop
- Stomach
- Proventriculus
- Ventriculus
- Omasum
- Abomasum
- Rumen
- Reticulum
- Duodenum-Pancreas
- Jejunum
- Ileum
- Cecum
- Colon
- Liver
- Gall Bladder

URINARY:

- Kidney
- Ureter
- Bladder

CARDIOVASCULAR

- Myocardium
- Papillary Muscle
- Valves
- Aorta
- Pericardium
- Heart, whole

Other:

- 1: _____
- 2: _____
- 3: _____
- 4: _____

Frozen tissues: See list

INTEG.-MUSCULOSKELETAL:

- Skin
(Specify abdomen)
- Muscle
(Specify inner thigh)
- Bone
(Specify _____)

ENDOCRINE:

- Adrenal
- Pancreas
- Thyroid-Parathyroid
- Thymus
- Pituitary

REPRODUCTIVE:

- Ovary
- Testis
- Uterus
- Cervix
- Vagina

HEMIC-LYMPHATIC:

- Spleen
- Bone Marrow
(Specify _____)
- Costchondral J.
- Sternum
- Lymph Node
(Specify _____)
- Lymph Node
(Specify _____)
- Lymph Node

NERVOUS-SENSORY:

- Cerebrum
- Cerebellum
- Medulla
- Brain, whole
- Spinal Cord
- Eye
- Ear
- Nerve
(Specify _____)