

Report Start Date
1/1/1601

Specimen Report for ALAMEDA / 20014

Report End Date
2/23/2009



Taxonomic name: *Canis lupus baileyi*
Common name: Mexican wolf

Family: Canidae
Order: Carnivora

Current information

Sex: Male Sire ID: M183 at LADDER RA (unknown location)
 Birth type: Captive Born Dam ID: F168 at LADDER RA (unknown location)
 Birth Location: LADDER RA (unknown location) Rearing: Parent
 Birthdate-Age: 5 May 1998 - 10Y,9M,5D at death Hybrid: Not a hybrid
 Time since last Acq: 6Y,3M,1D as of death

Date in	Acquisition - Vendor/local Id	Holder	Disposition - Recipient/local Id	Date out
8 Nov 2002	Loan In from USFWS / M556	ALAMEDA / 20014	Death	8 Feb 2009

Date	Identifier type	Identifier	Location	Comments
5 May 1998	Transponder ID	00-0142-442C	left ear	
5 May 1998	Tag/Band	Blue 51	right and left e	Ear tag blue 51 right and left ear
5 May 1998	Global Studbook #	556		
5 May 1998	Transponder ID	00-01FD-D310	Dorsal rump	Transponder 6" above base of the tail.
5 May 1998	House Name	Cinco		

Date	Sex	Comments
8 Nov 2002	Male	

Date	Rearing	Comments
8 Nov 2002	Parent	

Date	Parent(s)	local Id	Location	Comments
8 Nov 2002	Dam	F168	LADDER RA	
8 Nov 2002	Sire	M183	LADDER RA	

Death Information

According to ALAMEDA
 Circumstances: Infection Associated
 Carcass Disposition: Unknown
 Carcass recipient:
 Necropsy (Topological): Respiratory
 Necropsy (Etiological): Unknown

**ARK ANIMAL HOSPITAL
AVIAN/EXOTIC TREATMENT SHEET**

DATE: 2/8/09 DOCTOR I.D. RJM APPT. TIME _____

Client I.D. _____ Client Name Zed Phone: _____
 Address: _____ Wk. Phone: _____
 Patient I.D. _____ Patient Name Wolf 536 Breed Mex Grey Sex Male Age 5/5/98
Wolf

MEDICAL HISTORY/TEMP: _____ **B.WT:** _____
Labored breathing noted for 48 hr + some drooping. Dog easily moved into back quarters + nose easily placed over head. - given 1ml Telazol/xyf. IM + 3ml Atrop. IM - dog went to sleep - blood started coming out of mouth. Found to be coming from trachea. Died in transport. Necropsy yielded chest cavity full of blood + numerous hemorrhagic nodular masses throughout lungs an pericardium. Lots of body fat + good body condition. Normal abdominal organs collected samples of tumors for histopath.

PROFESSIONAL SERVICES		ANESTHETIC		DIET	
2375	EXAM (avian/exotic)	4040	ANESTHETIC (local)		
2460	EXAM (2nd patient)	4110	ISOFLURANE		
2440	EXAM (recheck)	4120	KETAMINE		
8557	NAIL TRIM	4050	PRE-ANESTHETIC (atropine)	3ml IM	
8558	NAIL TRIM w SERV	4160	ROMP/TELAZOL 1ml @	3:35	
2400	AFTER HOURS (late)	4170	TELAZOL		
2390	AFTER HOURS	MSCAN			
8554	BEAK GRIND/SHAPE w. SERV				
8553	BEAK GRIND/SHAPE				
2630	WING CLIP (both wings)				
2640	WING CLIP (2nd bird)				
2323	EUTHANASIA	SURGERY			
2593	AVID MICROCHIP	3281	NEUTER RABBIT		
MSCPS		3828	NEUTER EXOTIC		
		3830	O.R. USAGE		
		3831	O.R. SUPPLIES	5580	X-RAY (8 x 10)
		3867	OVH EXOTIC	5583	X-RAY (8 x 10 add. view)
		3890	OVH RABBIT	5587	X-RAY (10 x 12)
		3940	REMOVE GROWTH (excise)	5590	X-RAY (10 x 12 add.view)
		3930	REMOVE GROWTH (radio)	5593	X-RAY (14 x 17)
		3985	WING REPAIR	5597	X-RAY (14 x 17 add. view)
5250	FECAL EXAM	3990	WOUND SUTURING	MSCRA	
5330	HISTOPATHOLOGY (NMVDL)	2151	I.O. CATH. PLACEMENT		
5800	BIRD SEXING DNA (1 st bird)				
5801	BIRD SEXING DNA (ea.add)				
2551	NECROPSY (avian/exotic)				
MSCLA					
		HOSPITALIZATION			
		6052	AVIAN/EXOTIC (per day)		
		6100	INPATIENT CARE (per day)		
		6102	INCUBATOR/DAY		
		MSCHO			
		VACCINATIONS			
1170	FERRET DIST. BOOSTER				
1180	FERRET DIST. (1st vacc)				
1330	FERRET RABIES VACC.				
MSCRA					

New Mexico Department of Agriculture
Veterinary Diagnostic Services
700 Camino de Salud, N.E.
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February 12, 2009

DR. RICK MILLER
1700 INDIAN WELLS ROAD
ALAMOGORDO, NM 88310

Case: 09-02944
Owner: Alameda Park Zoo
Animal name: Wolf, Mex Grey (556)
Species: Canine
Breed: Mexican Grey Wolf
Age: 10 years
Gender: Male
Received: 02/10/2009

DR. MILLER:

HISTORY - Nodular lung and pericardium tissue.

HISTOPATHOLOGY - Examination of sections of lung reveals multiple 0.4-2.0 cm diameter nodules. Most of the nodules are moderate to densely cellular. They are composed of large elongated to spindle shaped cells which have large, plump elliptical nuclei which are moderately pleomorphic. The mitotic index is variable from one tumor mass to another, but as many as 4 mitotic figures are evident in some high power fields. In some areas the tumor cells are arranged in solid sheets, and in others the tumor cells line variable sized and shaped vascular spaces which contain blood. The centers of the larger tumor masses are mostly necrotic and filled with blood.

Examination of sections of pericardial sac reveals a large infiltrative neoplasm identical in appearance to that present in the lung. There is neoplastic infiltration of the wall of a major artery.

COMMENT - This wolf had a malignant vascular tumor (hemangiosarcoma) involving the lungs and pericardium. Hemangiosarcomas in dogs often arise in the right atrium of the heart, and that might have been the site of origin of the hemangiosarcoma in the present case.

DIAGNOSIS: 1) HEMANGIOSARCOMA

John P. Thilsted, D.V.M., Ph.D.
Diplomate, A.C.V.P.

JPT:

Enclosures

*Rick Miller DVM
2/19/09*