



**Specimen information for 0.1 Mexican Wolf, Studbook # 570**

**Collector:** Ellen Hilton, DVM, Utica Zoo, One Utica Zoo Way, Utica, NY 13501 315-738-0472 x 27

**Location of Death:** Utica Zoo Veterinary Hospital, Utica Zoo, One Utica Zoo Way, Utica, NY 13501

**Latitude:** 43.08 N      **Longitude:** 75.24 W      **County:** Oneida

**FedEx Tracking Number:** Will be e-mailed to Dr. Jon Dunnum

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

INSTITUTION/OWNER Utica Zoo Owner US Fish & Wildlife Service  
ADDRESS One Utica Zoo Way  
Utica, NY 13501

CANID SPECIES Mexican Wolf ANIMAL ISIS ID # 106030  
STUD BOOK # 570 SEX F  
BIRTH DATE/AGE 5 May 98 WEIGHT ~ 70 lbs

REPRODUCTIVE HISTORY:

SHOWN BEHAVIORAL ESTRUS? No but in all female pack since 20  
EVER BRED? yes  
PRODUCED PUPS? yes  
EVER HOUSED WITH OPPOSITE SEX? yes

DATE OF DEATH 2/23/15 DATE OF NECROPSY 2/24/15

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

Jan 12 . OVH for ovary harvest .  
April 14 ; Developed symptoms of ataxia & weakness. Responded v. well to prednisone & Meclizine until acute decline. Over 2 days became recumbant & was euthanized d/t condition & age.

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<sup>®</sup> 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# 106030

### GROSS EXAMINATION WORKSHEET

PROSECTOR: Ellen Hilton, DVM

GENERAL CONDITION: (Nutritional condition, physical condition)

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

good

SKIN: (Including pinna, feet)

good

MUSCULOSKELETAL SYSTEM: (Bones, joints, muscles)

good

BODY CAVITIES: (Fat stores, abnormal fluids)

NEONATES: Assess hydration (tissue moistness)

mod amt abd fat

HEMOLYMPHATIC: (Spleen, lymph nodes, thymus)

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?

Edematous pancreas

Liver - mottled / sm nodules

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

Asym kidney

Ⓛ kidney very abnormally small.

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

Hx of OVH

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

Found only R adrenal

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

Did not recover d/t lack of expertise, equipment, time & attempting to preserve external systems.

**SENSORY ORGANS:** (Eyes, ears)

WNL

PRELIMINARY DIAGNOSES:

geriatric!

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

prematem:

Mild Azotemia

Increase liver enzymes  
prob 2° to cortisone

but ALT very high (2060)

Mild neutropenia