

RECEIVED SEP - 9 2011



Department of Veterinary Microbiology and Pathology

September 7, 2011

Jay Crenshaw/ Tom Schrempp ✓  
Idaho Department of Fish and Game  
3316 16<sup>th</sup> Street  
Lewiston, ID 83501

Dear Jay and Tom,

Here are the necropsy results of the two wolves submitted August 23, 2011.

**Wolf #1** – Adult female, 69 pounds, black, originally collected August 10, 2011, North portion of Elk City, Unit 16, #CO83605, submitted frozen on 23 August 2011, processed on August 25, 2011.

Parasites - Taenia spp. (tapeworms) – several present in the small intestine.  
Uncinaria (hookworms) – several present in the small intestine  
No external parasites (lice, ticks, mites, fleas) were detected.

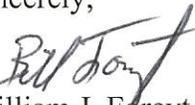
Material saved: Premolar – mailed to Tom Schrempp.

**Wolf #2** - Adult female male, 72 pounds, gray in color, originally collected August 17, 2011. Elk City township, Unit 15, #CO83606. Submitted frozen on 23 August, processed on July 26, 2011.

Parasites - Echinococcus granulosus (tapeworms)- 4,000+ (moderate infection).  
Taenia spp. (tapeworms) – several present in the small intestine.  
Uncinaria (hookworms) – several present in the small intestine  
No external parasites (lice, ticks, mites, fleas) were detected.

Material saved: Echinococcus granulosus in 70% alcohol for genotype testing.  
Premolar – mailed to Tom Schrempp.

Sincerely,

  
William J. Foreyt  
Professor

Cc: Dave Cadwallader  
Mark Drew

RECEIVED AUG 05 2011



Department of Veterinary Microbiology and Pathology

August 3, 2011

Jay Crenshaw/ Tom Schrempp  
Idaho Department of Fish and Game  
3316 16<sup>th</sup> Street  
Lewiston, ID 83501

Dear Jay and Tom,

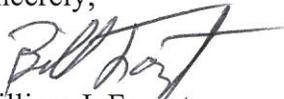
Here are the necropsy results of the wolf submitted August 2, 2011.

Older adult female, 75 pounds, dark color, originally collected July 28, 2011,  
Elk City, Unit 15, #CO83604, submitted frozen, processed on August 3, 2011

Parasites - Echinococcus granulosus (tapeworms)- 10,000+ (heavy infection).  
Taenia spp. (tapeworms) – several present in the small intestine.  
No external parasites (lice, ticks, mites, fleas) were detected.

Material saved: Entire stomach with contents (frozen)  
Premolar.  
Echinococcus granulosus in 70% alcohol for genotype testing.

Sincerely,



William J. Foreyt  
Professor

Cc: Dave Cadwallader  
Mark Drew

RECEIVED JUL 29 2011



Department of Veterinary Microbiology and Pathology

July 27, 2011

Jay Crenshaw/ Tom Schrempp ✓  
Idaho Department of Fish and Game  
3316 16<sup>th</sup> Street  
Lewiston, ID 83501

Dear Jay and Tom,

Here are the necropsy results of the two wolves submitted July 20, 2011.

**Wolf #1** – Adult female, 67 pounds, dark color, originally collected July 13, 2011,  
Elk City, Unit 15, #CO70566, submitted frozen, processed on July 25, 2011

Parasites - Echinococcus granulosus (tapeworms)- Light infection – several hundred.  
Taenia spp. (tapeworms) – several present in the small intestine.  
No external parasites (lice, ticks, mites, fleas) were detected.

Material saved: Entire stomach contents (frozen).  
Premolars had already been removed.  
Echinococcus granulosus in 70% alcohol for genotype testing.

**Wolf #2** - Adult male, 80 pounds, dark in color, originally collected July 13, 2011.  
Elk City, Unit 15, #CO70567. Submitted frozen, processed on July 26, 2011.

Parasites - Echinococcus granulosus (tapeworms)- 10,000+ (heavy infection).  
Taenia spp. (tapeworms) – several present in the small intestine.  
No external parasites (lice, ticks, mites, fleas) were detected.

Material saved: Entire stomach contents (frozen)  
Premolars has already been removed.  
Echinococcus granulosus in 70% alcohol for genotype testing.

Sincerely,

  
William J. Foreyt  
Professor

Cc: Dave Cadwallader  
Mark Drew

402 Bustad Hall, PO Box 647040, Pullman, WA 99164-7040  
509-335-6030 • Fax: 509-335-8529



July 6, 2011

Jay Crenshaw  
Idaho Department of Fish and Game  
3316 16<sup>th</sup> Street  
Lewiston, ID 83501

Dear Jay,

Here are the necropsy results of the two wolves submitted June 30, 2011.

**Wolf #1** – Female, 72 pounds, black and grey, originally collected June 18, 2011,  
Gunshot, Unit 12, Parachute Hill (BGMR#CO83778)(Tag #87-56905).  
Collected by Lucas Swanson. Submitted frozen.

Parasites - Echinococcus granulosus (tapeworms)- Thousands present in the small intestine.  
Taenia spp. (tapeworms) – several present in the small intestine.  
No external parasites (lice, ticks, mites, fleas) were detected.

Material saved: Entire stomach with contents (frozen).  
Premolar and incisor.  
Echinococcus granulosus in 70% alcohol for genotype testing.

**Wolf #2** - Female, 58 pounds, dark grey, originally collected June 26, 2011.  
Gunshot, Elk City, Sweeney Hill. Tag #87-56906. Submitted frozen.

Comment- The carcass had thousands of blowfly eggs and maggots in the body cavity.  
The entire small and large intestine were missing from the carcass, probably from the  
Gunshot or from scavengers. Therefore an evaluation for internal parasites could not  
be accomplished. No external parasites, except adult blowflies and maggots, were  
detected.

Material saved: Entire stomach with contents (frozen)  
Premolar and incisor.

Sincerely,

William J. Foreyt  
Professor

Cc: Dave Cadwallader  
Mark Drew