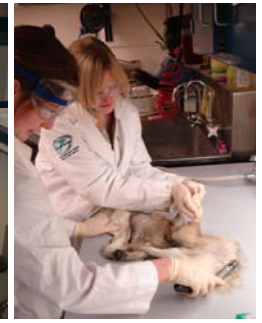


On the Learning Trail 🌿 🌿 🌿 🌿 🌿 Bosque School's Wildlife Biology & Conservation class



Recording beaver activity and lodge size in ditch along Bosque School



Mexican gray wolf necropsy UNM Musm SW Bio



Earth Day celebration of the return of river otters to New Mexico for 500 1st graders



WBC Students present at professional meeting



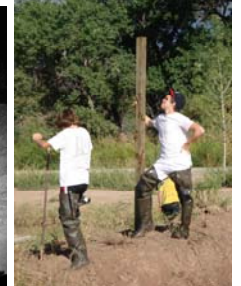
Endangered sand dune lizard work



Radio collaring a porcupine



Infrared camera at scent post



Habitat improvement

BOSQUE SCHOOL

North American porcupine (*Erethizon dorsatum*) live capture technique and the effectiveness of using the sedative medetomidine hydrochloride (Domitor®) and the antagonist atipamezole hydrochloride (Antisedan®) to facilitate handling

Anna Pérez-Umprey & Katie Shaw

N=20

The intention of our research is to determine:
 - The effectiveness of the sedative medetomidine hydrochloride (Domitor®) and the antagonist atipamezole hydrochloride (Antisedan®) to facilitate handling
 - The effectiveness of the live capture technique used in this study

Methods:

- 20 North American porcupines were captured using live traps.
- 10 porcupines were captured using Domitor® and Antisedan®.
- 10 porcupines were captured using live traps only.

Age	# Caught
< 1 yrs	2
1 to 2 yrs	3
> 2 yrs	15

Conclusion:

- Domitor® and Antisedan® were effective in sedating the porcupines.
- The live capture technique was also effective.

Future Considerations:

- Larger porcupine studies.
- Long-term monitoring.

Acknowledgments:

- Dr. Shaw
- Dr. Umprey
- Dr. Umprey
- Dr. Umprey

WBC student poster at AZ-NM Wildlife Society meeting, Prescott, AZ

B.E.M.P.

PROGRAMA DE MONITORIO DEL ECOSISTEMA DEL BOSQUE DEL RIO GRANDE CENTRAL
 Ciencia, Educación y Administración
 - Katie Shaw y Anna Pérez-Umprey -
 Bosque School 6000 Learning Rd., SW Albuquerque, NM, 87130

COMO ESTUDIANTES DE K-12 OBSERVAR SU ECOSISTEMA SIBERIANO PARA LAS AGENCIAS DE RECURSOS NATURALES & PROFESIONALES.

LA PROGRAMACIÓN GENERAL:

- Observar el comportamiento de los animales en su hábitat.
- Identificar las especies de plantas y animales que viven en el ecosistema.
- Registrar los cambios en el ecosistema a lo largo del tiempo.

LA MISIÓN DE B.E.M.P.:

- Educar a los estudiantes sobre el ecosistema del Bosque del Río Grande Central.
- Promover la conservación del medio ambiente.
- Fomentar el interés por la biología y la ecología.

AGENCIAS QUE VIGILAN LOS BOSQUES:

- BLM
- NPS
- USFS
- NMFS
- DOI

AGENCIAS QUE PARTICIPAN EN UNA ESTEREA EXTERNA:

- BLM
- NPS
- USFS
- NMFS
- DOI

INVESTIGACIÓN:

- Estudios de campo.
- Estudios de laboratorio.
- Estudios de gabinete.

RECURSOS DE LOS BOSQUES DE B.E.M.P.:

- Mapas.
- Gráficos.
- Fotografías.
- Videos.

www.bosqueschool.org/bemp.espanol.htm

WBC student poster at Border Environmental Conf, Juarez, Mexico