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INL Environmental Surveillance, Education and Research Program

Idaho National Laboratory

The [ESER Program](#) conducts, manages and coordinates ecological and environmental research, offsite environmental surveillance, and environmental education for the INL.

ESER services include:

- INL offsite [surveillance](#), including sample collection and analysis of air, water, soil, milk, wheat, lettuce, potatoes, and tissue samples (domestic and wildlife) for radionuclides.
- [Wildlife habitat and vegetation surveys](#), studies and research on and near INL.
- Sitewide [research](#) concerning endangered species, pollutants in the environment and revegetation.
- Environmental [education](#) concerning ecological issues around the INL.
- [Conservation management planning](#).

[ESER team members](#)

Recent Publications:

[2009 Second Quarter Surveillance Report](#)

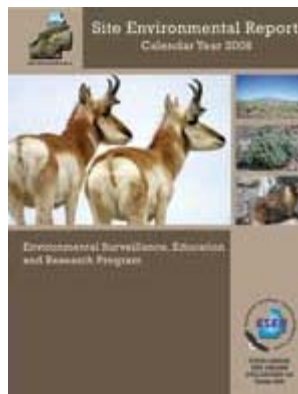
[2008 Annual Site Environmental Report](#)

[Results of the 2008 Breeding Bird Survey](#)

[War on Weeds 2009 Report](#)

[Stoller Internship Program video](#) (wmv format)

In the past eight



Background Information:

- [About ESER](#)
- [Employee Contacts](#)
- [About INL](#)
- [About Radiation](#)
- [ESER Worker Safety and Health Program - May 11, 2007](#)
- [NEW Job Opportunities](#)

Surveillance:

- [Searchable Air and Water Results](#)
- [Analyte Fact Sheets](#)
- [Biota Dose Assessment Guidance](#)

Land Management:

- [NEPA Documents](#)
- [INL Vertebrate Species Lists](#)
- [Flora of the INL](#)
- [Mid-Winter Raptor Count](#)
- [Breeding Bird Surveys](#)
- [Wildfire](#)
- [Idaho SRM Newsletter](#)



years, ESER has provided summer internships for high school and college students.

[Press Release](#)

[December 2009 Newsletter](#) - Annual Report of Surveys for Historic Sage-Grouse Leks on the Idaho National Laboratory Site

- [Animal of the High Desert - Rubber Boa](#)
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Newspaper in Education

[Ask a Scientist](#)

Is there something about southeastern Idaho that you've always wondered about? Ask a southeastern Idaho scientist or check out our Q&A Archive.

ESER Program
S. M. Stoller Corp.
120 Technology Drive
Idaho Falls, ID 83402
208-525-9358
Fax: 208-525-3364

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Idaho National Engineering and Environmental Laboratory

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INL Mammal Species List

[Definition of Terms](#)

[Summary](#)

- [-Fish](#)
- [-Reptiles](#)
- [-Birds](#)
- [-Mammals](#)

Abundance Ratings

Abundant	Very numerous and certain to be seen
Common	Likely to be observed
Uncommon	Occurs in limited numbers and is not very likely to be observed
Local	Not always present or is restricted in distribution
Rare	Has the INL as part of its range, but occurs very infrequently
Accidental	Not expected to be found in the INL area.

Species	Distribution	Seasonal Occurrence	Abundance	Remarks
Order INSECTIVORA Return to Top				
Family Soricidae				
Merriam Shrew (<i>Sorex merriami</i>)	Sitewide	Resident	Uncommon	
Order CHIROPTERA Return to Top				
Family Vespertilionidae				
California Myotis (<i>Myotis californicus</i>)	Sitewide	Unknown	Unknown	
Little Brown Myotis (<i>Myotis lucifugus</i>)	Sitewide	Unknown	Unknown	
Townsend's Big-eared Bat (<i>Corynorhinus townsendii</i>)	Sitewide	Unknown	Unknown	
Order LAGOMORPHA				
Family Leporidae				
White-tailed Jack Rabbit (<i>Lepus townsendii</i>)	Sitewide	Resident	Uncommon	
Black-tailed Jack Rabbit (<i>Lepus californicus</i>)	Sitewide	Resident	Abundant	Cyclic population
Mountain Cottontail (<i>Sylvilagus nattallii</i>)	Sitewide	Resident	Abundant	
Pygmy Rabbit (<i>Brachylagus idahoensis</i>)	Sagebrush /Grassland	Resident	Abundant	
Order RODENTIA Return to Top				
Family Sciuridae				
Yellow-bellied Marmot (<i>Marmota flaviventris</i>)	Sitewide	Resident	Uncommon	Rocky areas

Townsend's Ground Squirrel (<i>Spermophilus townsendii</i>)	Sitewide	Resident	Common	Estivates - likely to be observed only in April-June
Least Chipmunk (<i>Tamias minimus</i>)	Sitewide	Resident	Common	
Family Geomyidae				
Northern Pocket Gopher (<i>Thomomys talpoides</i>)	Sitewide	Resident	Uncommon	
Family Heteromyidae				
Great Basin Pocket Mouse (<i>Perognathus parvus</i>)	Sitewide	Resident	Common	
Ord's Kangaroo Rat (<i>Dipodomys ordii</i>)	Sitewide	Resident	Common	
Family Castoridae				
Beaver (<i>Castor canadensis</i>)	Aquatic	Summer Winter	Uncommon Uncommon	
Family Cricetidae				
Western Harvest Mouse (<i>Reithrodontomys megalotis</i>)	Sitewide	Resident	Common	
Deer Mouse (<i>Peromyscus maniculatus</i>)	Sitewide	Resident	Abundant	
Northern Grasshopper Mouse (<i>Onychomys leucogaster</i>)	Sitewide	Resident	Uncommon	
Bushy-tailed Woodrat (<i>Neotoma cinerea</i>)	Sitewide	Resident	Common	Basalt outcroppings
Meadow Vole (<i>Microtus pennsylvanicus</i>)	Sitewide	Resident	Uncommon	Cyclic
Montane Vole (<i>Microtus montanus</i>)	Sitewide	Resident	Common	Cyclic
Sagebrush Vole (<i>Lagurus curtatus</i>)	Sitewide	Resident	Uncommon	
Muskrat (<i>Ondatra zibethicus</i>)	Aquatic	Summer Winter	Uncommon Uncommon	
Family Muridae				Return to Top
Norway Rat (<i>Rattus norvegicus</i>)	Agricultural	Resident	Uncommon	
House Mouse (<i>Mus musculus</i>)	Agricultural Facilities	Resident	Uncommon	

Family Erythizontidae

Porcupine (<i>Erethizon dorsatum</i>)	Riparian Juniper	Summer Winter	Uncommon Uncommon
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Order CARNIVORA

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Family Canidae

Coyote (<i>Canis latrans</i>)	Sitewide	Resident	Common
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Family Mustelidae

Long-tailed Weasel (<i>Mustela frenata</i>)	Sitewide	Resident	Common
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Badger (<i>Taxidea taxus</i>)	Sitewide	Resident	Common
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Spotted Skunk (<i>Spilogale gracilis</i>)	Sitewide	Resident	Uncommon	Usually near basalt outcroppings
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Family Felidae

Mountain Lion (<i>Felis concolor</i>)	Sitewide	Transient ¹	Rare
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Bobcat (<i>Lynx rufus</i>) ²	Sitewide	Resident	Uncommon
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Order ARTIODACTYLA

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Family Cervidae

Elk (<i>Cervus elaphus</i>)	Sitewide	Resident	Common
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Mule Deer (<i>Odocoileus hemionus</i>)	Sitewide	Resident	Uncommon
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Moose (<i>Alces alces</i>)	Sitewide	Transient ²	Rare
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Family Antilocapridae

Pronghorn (<i>Antilocapra americana</i>)	Sitewide	Resident	Abundant
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Family Bovidae

Mountain Sheep (<i>Ovis canadensis</i>)	Sagebrush/ Grassland	Unknown	Accidental	Only reported from northern portion of INL
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POSSIBLE OCCURRENCE

Order CHIROPTERA

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Family Vespertilionidae

Small-footed Myotis (<i>Myotis subulatus</i>)	Sitewide
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Yuma Myotis (<i>Myotis yumanensis</i>)	Sitewide
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Long-legged Myotis (<i>Myotis volans</i>)	Sitewide
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Fringed Myotis (<i>Myotis thysanodes</i>)	Sitewide
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Long-eared Myotis (<i>Myotis evotis</i>)	Sitewide
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Silver-haired Bat (<i>Lasionycteris noctivagans</i>)	Sitewide
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Western Pipistrel (<i>Pipistrellus hesperus</i>)	Sitewide
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Big Brown Bat (<i>Eptesicus fuscus</i>)	Sitewide
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Hoary Bat (<i>Nycteris cinerea</i>)	Sitewide
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Pallid Bat (<i>Antrozous pallidus</i>)	Sitewide
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Order CARNIVORA

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Family Procyonidae

Raccoon (<i>Procyon lotor</i>)	Agricultural Riparian
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Family Mustelidae

Short-tailed Weasel (Ermine) (<i>Mustela erminea</i>)	Agricultural Riparian
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Striped Skunk (<i>Mephitis mephitis</i>)	Agricultural Riparian
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Family Canidae

Red Fox (<i>Vulpes vulpes</i>)	Agricultural Riparian
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- 1 Occurs on the INL for a relatively short time, usually during seasonal migration or dispersal
2 Jones et al. (1979) list this species as *Felis rufus*

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