

# APPENDIX F

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NORTHERN IDAHO GROUND SQUIRREL SURVEY

17 June 2009

Ms. Sarah Lucas  
Aviation Planner  
WH Pacific  
9755 SW Barnes Rd., Suite 300  
Portland, OR 97225

RE: Northern Idaho ground squirrel survey  
Proposed taxiway relocation project, McCall, Idaho Airport.

Dear Ms. Lucas:

Please consider this letter a report of my survey for northern Idaho ground squirrels along the route of the proposed taxiway relocation project at the McCall, Idaho Airport.

It is my understanding that the proposed taxiway relocation project will move the existing taxiway to the east to increase the separation between the taxiway and the existing runway from around 200 feet to up to 400 feet. The impact area is about 300 feet east of the existing taxiway.

The project is in an area designated "probable historical distribution" in the northern Idaho ground squirrel recovery plan based upon the types of habitats the species is known to occupy and the historical distribution of those habitats (U.S. Fish and Wildlife Service 2003) and the project area is clearly within the historical range of the northern Idaho ground squirrel. Appropriate habitat certainly exists in the area around McCall, so there could easily be undiscovered populations in the area of the survey.

On 5 June 2009, I met with you and John Anderson, Airport Manager at the Airport Office. After a tour of the airport with Mr. Anderson, I searched the project area for any evidence of northern Idaho ground squirrels. For safety reasons, I was accompanied by you during all activities at the McCall Airport.

The best months for conducting surveys for northern Idaho ground squirrels in the McCall area are usually May and June, and surveys are especially accurate after the young of the year are active above ground in June. Ground squirrels are most active during good weather.

The survey was conducted during early June in good weather in early morning when ground squirrels would be expected to be most active. Thus the timing was ideal or nearly so. We walked slowly out along the east edge of the taxiway, searching the area between the taxiway and the boundary fence. When we reached the south end of the runway, we crossed the boundary fence and returned back to the north, searching likely areas to the east of the boundary fence. As we walked, we carefully searched any potential habitat east of the taxiway for any signs of ground squirrels out to and beyond the 300 feet impact area whenever suitable habitat was seen.

While searching, the procedure was first to scan the area for ground squirrel activity. Ground squirrels often sit on logs, stumps, rocks or other observation posts where they can be readily seen. Then we searched the area by looking carefully for ground squirrels, burrows, runways, feces, badger digs, alarm calls, or other evidence of northern Idaho ground squirrels.

Most burrows of northern Idaho ground squirrels can be distinguished from those of other mammal species in the area by such characteristics as entrance size, angle of entry into the ground, placement of the entrances, etc. However, there is some overlap among species in burrow characteristics and a few burrows will always be ambiguous. While searching on foot, I was also watching for burrows and/or individuals of Columbian ground squirrels (*Spermophilus columbianus*), voles (*Microtus* sp.), yellow-pine chipmunks (*Tamias amoenus*), and northern pocket gophers (*Thomomys talpoides*).

During the survey, I saw no northern Idaho ground squirrels, nor did I find their burrows or any other signs of the species' presence in 2.5 hours spent searching the site. Of the other species mentioned above a few gopher burrows and vole trails were the only evidence noted. In fact, I saw almost no potential habitat during the survey. The area next to the taxiway is very rocky and the area east of the taxiway is flood irrigated, and in fact very wet during our survey. This would make the area unsuitable for a species that depends on well-drained burrow systems. However, I did note that Columbian ground squirrels were present on the bluff further to the east across the pasture.

This negative finding does not mean that northern Idaho ground squirrels could not immigrate into the site at some time in the future, especially if the area were no longer flood irrigated and there was a population nearby. However, I am convinced that ground squirrels are not currently present in the project area immediately east of the taxiway, nor could they live there as long as flood irrigation continues. Consequently, relocation of the taxiway should have no negative impact on northern Idaho ground squirrels.

I hope this information is useful to you. Please let me know if I may be of further assistance. With all best wishes,

Sincerely,

Eric Yensen

Revised 15 June 2009

## CURRICULUM VITAE

### A. ERIC YENSEN

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#### Personal:

Birth: Nampa, Idaho, USA.  
Citizenship: USA  
Home: 3407 Fair Oaks Circle, Caldwell, ID 83605  
Languages: Spanish, moderate fluency

#### Education:

B.S. June 1966. The College of Idaho, Caldwell, Idaho. Major in biology, minor in philosophy.  
M.A. June 1971. Oregon State University, Corvallis, Oregon. Major in systematic entomology, minor in zoology. Thesis: "A revision of the North American species of *Trixagus* Kugelann and *Pactopus* LeConte (Coleoptera: Throscidae).  
Ph.D. August 1973. The University of Arizona, Tucson, Arizona. Major in zoology, minor in botany. Dissertation: "An analysis of a Sonoran desert species diversity gradient."

#### Present Position:

Professor (1988 to present)  
Associate Professor of Biology (1982-1988)  
Chair (1985 to 1990; 1993-94, and 2002-03)

Department of Biology, The College of Idaho, Caldwell, Idaho 83605.

[The College of Idaho was known as Albertson College of Idaho from 1991 to 2007.]

Current Courses: Population and Ecosystems Biology, Ecology, Conservation Biology, Mammalogy, Idaho Natural History, Evolution.

Courses previously taught: Vertebrate Natural History, General Zoology, Biodiversity, Museum Techniques, Research Methods in Biology, Ornithology, Endangered Earth, Entomology, courses on field trips.

#### Museum:

Director, O. J. Smith Museum of Natural History (1982 to 1999). The O. J. Smith Museum of Natural History houses the Department of Biology's natural history collections including significant holdings in paleontology and anthropology. The Museum has public displays and hosts about 3000 visitors annually. There are about 20 regular volunteers and 1-7 work-study or other part-time employees. Currently serving as Biology Department Liaison with the Museum.

#### Other Appointments

Scientific Advisory Committee, Tunquini Biological Station, La Paz Department, Bolivia.

Affiliate Graduate Faculty, Department of Fish and Wildlife Resources, University of Idaho, Moscow, Idaho.

Adjunct Graduate Faculty, Department of Biology, Boise State University, Boise, Idaho

**Guest teaching at other institutions:**

Instructor, "Curso de capacitación y actualización sobre estrategias para la conservación de la biodiversidad." Bolivian National Academy of Sciences and the National Museum of Natural History of Bolivia. La Paz, 16-27 August 1993. Funding from COTESU (Swiss foreign aid).

**Previous Academic Positions:**

1. Assistant Professor of Biology, Boise State University, Boise, Idaho. 1978-1981. Courses taught include: Mammalogy, Vertebrate Natural History, Ornithology, Idaho Natural History, Organic Evolution, Human Anatomy and Physiology. Duties included curation of the vertebrate collections.
2. Assistant Professor of Biology, Millsaps College, Jackson, Mississippi. 1973-1978. Courses taught include: General Zoology (year course), General Ecology, Population Biology, Vertebrate Taxonomy, Honors Program. The field program included academic courses taught in the field (usually summer school General Ecology) in selected ecosystems including Florida Everglades and Keys, Sonoran Desert of Arizona and northern Mexico, Colorado Rocky Mountains, and Alaskan arctic tundra.
3. Consultant, Arizona Academy of Sciences. Natural Areas Survey. 1973.
4. Curatorial Assistant, Department of Biological Sciences (now Ecology and Evolutionary Biology), University of Arizona, Tucson. (Assistant Curator of 12,000-specimen ornithological collections.) 1972-1973.
5. Research Assistant, Department of Biological Sciences, University of Arizona, Tucson. International Biological Program, Desert Biome. Vegetation analysis, plant phenology, and insect abundance data collection for correlation with breeding bird response to summer rainfall patterns. 1971.
6. Graduate Teaching Assistant, Department of Biological Sciences, University of Arizona. 1970-1972. Assisted with the following courses: General Ecology, Vertebrate Natural History, Comparative Anatomy, Human Anatomy and Physiology, and History of Biology
7. Research Assistant, Department of Entomology, Oregon State University. (Assistant curator of 500,000-specimen insect collection.) 1966-1968.
8. Curator of Natural History, The College of Idaho. (I was the first student curator of the College's zoological collections.) 1965-1966.

**Editorial Experience:**

Pacific Northwest Bird and Mammal Society

1983-1987. Editor, *The Murrelet*, vols. 64-68. (now *Northwestern Naturalist*)

1982. Associate Editor for Ornithology, *The Murrelet*.

**Professional Societies:**

American Society of Mammalogists

**Honors:**

- 2008 Distinguished Scientist Award. Idaho Academy of Sciences. March 28, 2008.
- Who's Who Among America's Teachers, 1998
- Fulbright Research/Lecturing Award. August 1992 – January 1993. Host: Colección Boliviana de Fauna, La Paz, Bolivia.
- Outstanding Young Men of America, 1977
- Sigma Xi, The Scientific Research Society. Elected to full membership 1976.
- NDEA Title IV Graduate Fellowship, Department of Biological Sciences, University of Arizona. 1968-1970.
- Phi Sigma Society, National Biology Honorary, Oregon State University chapter. Elected to membership 1968.
- Philo Tech, The College of Idaho. Best paper of the year 1964. President 1966.

**Grants and contracts (incomplete list):**

1993-1995. National Science Foundation. Effects of dispersal on demography and genetic variability in small isolated populations of the northern Idaho ground squirrel: a model system for species threatened with fragmentation. Thomas A. Gavin, Paul W. Sherman, and Eric Yensen, co-principal investigators.

1993-1995. National Science Foundation. Molecular phylogeny of the Spermophilina (Sciuridae: Rodentia). Richard G. Harrison, Paul W. Sherman, Eric Yensen, and Robert S. Hoffmann co-principal investigators.

2003. A biological inventory of the Cordilleras Mosestenes and Cocabata, Bolivia. National Geographic Society. Michael Kessler, Sebastian Herzog, Teresa Tarifa, and Eric Yensen.

1987-1988. National Geographic Society. Behavior, ecology, and evolution of the Idaho ground squirrel. Paul W. Sherman and Eric Yensen, co-principal investigators.

1995-1996. Lincoln Park Zoo, Scott Neotropical Fund and Fauna and Flora Preservation Society. Vertebrates of Bolivian *Polylepis* woodlands: selecting conservation priority areas for an endangered high-Andean habitat. Eric Yensen, Teresa Tarifa, and James Aparicio, co-principal investigators.

23 smaller grants, 19 on ground squirrels

**Invited Symposium Papers:**

2000. Mammals of Bolivian *Polylepis* woodlands. Primer Congreso Internacional de Ecología y Conservación de Bosques de *Polylepis* [First International Congress on Ecology and Conservation of *Polylepis* Woodlands]. Cochabamba, Bolivia, 29 August. Keynote address coauthored with Teresa Tarifa.

2000. Conservation of Bolivian *Polylepis* woodlands. Primer Congreso Internacional de Ecología y Conservación de Bosques de *Polylepis*. Cochabamba, Bolivia, 31 August. Keynote address coauthored with Teresa Tarifa.
1992. "El valor de la biodiversidad" X Congreso Nacional de Biología, Consejo Nacional Colegio de Biólogos del Perú. Lima, Peru, August 6.
1991. "Fauna of the Snake River Plain" Northwest Scientific Association, Symposium on Snake River Plain. Boise, Idaho, 20 March.
1988. "Ground squirrels, cheatgrass, and the death of an ecosystem." Idaho Academy of Sciences, Symposium on the Snake River Plain. Boise, Idaho, April 15.

### **Invited speaker at special seminars**

2002. "Collapse of the shrub-steppe ecosystem." Department of Biology, Boise State University, October 24.
2001. "Demise of the small-eared ground squirrels." Department of Fish and Wildlife Resources, University of Idaho, Moscow, Idaho, November 26.
2000. "Taxonomic status of mammals of Bolivian *Polylepis* woodlands." Coauthored with Teresa Tarifa. Primer Congreso Internacional de Ecología y Conservación de Bosques de *Polylepis*. Cochabamba, Bolivia, 29 August. (in Spanish)
2000. "Mamíferos de los bosques de *Polylepis*" Coauthored with Teresa Tarifa. Primer Congreso Internacional de Ecología y Conservación de Bosques de *Polylepis*. Cochabamba, Bolivia, 29 August. (in Spanish)
2000. "Conservación de los bosques de *Polylepis*". Coauthored with Teresa Tarifa. Primer Congreso Internacional de Ecología y Conservación de Bosques de *Polylepis*. Cochabamba, Bolivia, 31 August. (in Spanish)
1998. "Fires, ground squirrels, and the death of an ecosystem." Department of Biological Sciences, University of Idaho, Moscow, Idaho, April 1.
1997. "Fires, ground squirrels, and the death of an ecosystem." Division of Natural Sciences, Lewis-Clark State College, Lewiston, Idaho, May 2
1995. "Porque estudiar una especie?" Museo Nacional de Historia Natural, La Paz, Bolivia, August 21. (in Spanish)
1994. "Ardillas terrestres." Instituto de Biología, Universidad Nacional Autónoma de México, September 22. (in Spanish)
1992. "El valor de la biodiversidad." X Congreso Nacional de Biología, 2-7 Agosto. Consejo Nacional Colegio de Biólogos del Perú. Lima, Perú. (in Spanish)
1990. "Why are Idaho ground squirrels rare?" Idaho State University, Pocatello, Idaho, April.
1989. "Why are Idaho ground squirrels rare?" Boise State University, Boise, Idaho, April.

### **Contributed Papers at Professional Meetings:**

34 contributed papers

American Society of Mammalogists (9)

Society for Conservation Biology (4)

Ecological Society of America (1)

Cooper Ornithological Society (2)

Pacific Northwest Bird and Mammal Society (3)

Idaho Academy of Science (6)

Mississippi Academy of Science (4)

Idaho Wildlife Society (3)  
Northwest Scientific Society (1)

**Manuscript Reviews (45)**

American Midland Naturalist (3)  
Biological Conservation (2)  
Biotropica (2)  
Bulletin of the Illinois Natural History Survey (1)  
Ecology (2)  
Ecological Applications (2)  
Journal of the Entomological Society of America (1)  
Journal of the Idaho Academy of Science (3)  
Journal of Mammalogy (9)  
Journal of Vertebrate Paleontology (1)  
Journal of Wildlife Management (2)  
Mammalia (1)  
Mammalian Species (2)  
Mastozoología Neotropical/Journal of Neotropical Mammalogy (4)  
Northwestern Naturalist (5)  
Northwest Science (4)  
The Southwestern Naturalist (1)

**Graduate Students**

I have served, or am serving, on the following graduate committees:

Elizabeth E. Aragón Piña

Maestría en Ciencia (=M.S.), Universidad Nacional Autónoma de México, México City.  
1999. Thesis: "Estructura y dinámica poblacional, selección del microhábitat y utilización del espacio de dos poblaciones de ardillas simpátricas del desierto chihuahuense."

Boris Ríos U.

Licenciada en Biología, Universidad Mayor de San Andrés, La Paz, Bolivia. July 1999.  
Thesis: Métodos indirectos para la determinación de los mamíferos medianos de Parque Nacional Cotapata.

Alisse Garner

MS, College of Natural Resources, University of Idaho, Moscow. April 2004. Thesis:  
Genetic diversity and divergence in fragmented populations of the Idaho ground squirrel  
(*Spermophilus brunneus brunneus* and *S. b. endemicus*).

Karen C. Panek

MS, Boise State University, Boise, Idaho. April 2005. Thesis: Dispersal, translocation, and  
population connectivity in fragmented populations of southern Idaho ground squirrels.

Justin S. Barrett

MS, Boise State University, Boise, Idaho. December 2005. Thesis: Population viability of  
the southern Idaho ground squirrel (*Spermophilus brunneus endemicus*): effects of an altered  
landscape.

Kristen Ross

MS, Boise State University, Boise, Idaho. October 2007. Research: Habitat quality in  
southern Idaho ground squirrels.

Katie Busscher



MS, Boise State University, Boise, Idaho. April 2009. Research: Improving translocation success of the southern Idaho ground squirrel (*Spermophilus endemicus*).

D. Manuel Valdés Alarcón

Maestría en Ciencia, Universidad Nacional Autónoma de México, Mexico City. Research: conservation and ecology of the Perote ground squirrel. In progress.

### Publications

#### **Submitted:**

Smith, S., E. Yensen, J. Rodriguez Reyes, A. McCartney, D. Borden, T. Day, T. Elias, J. Hartley, C. Holcomb, L. Weiting, R. Wilson, G. Willson-Naranjo, and D. Wood. Plant, soil, and small mammal responses to a 26-year old grazing exclosure in a Great Basin desert community, southwestern Idaho. Submitted.

Panek, K. C., J. C. Munger, and E. Yensen. Can dispersal patterns of southern Idaho ground squirrels (*Spermophilus brunneus endemicus*) maintain connectivity in a degraded habitat?

Panek, K. C., E. Yensen, and J. C. Munger. A soft-release technique for translocating southern Idaho ground squirrels (*Spermophilus brunneus endemicus*).

#### **In Press:**

Tarifa, T., Z., A. Noss, and E. Yensen. Caviidae. Pp. Xx-xx. In: R. Wallace, D. Rumíz, and H. Gómez (eds.). Mamíferos grandes y medianos de Bolivia. Editorial Fundación Simon Patino, Cochabamba, Bolivia.

Tarifa, T., and E. Yensen. Chinchillidae. Pp. Xx-xx. In: R. Wallace, D. Rumíz, and H. Gómez (eds.). Mamíferos grandes y medianos de Bolivia. Editorial Fundación Simon Patino, Cochabamba, Bolivia.

Tarifa, T., B. Rios-Uzeda, and E. Yensen. Mephitidae. Pp. Xx-xx. In: R. Wallace, D. Rumíz, and H. Gómez (eds.). Mamíferos grandes y medianos de Bolivia. Editorial Fundación Simon Patino, Cochabamba, Bolivia.

Tarifa, T., B. Rios-Uzeda, P. Van Damme, R. Wallace, and E. Yensen. Mustelidae. Pp. Xx-xx. In: R. Wallace, D. Rumíz, and H. Gómez (eds.). Mamíferos grandes y medianos de Bolivia. Editorial Fundación Simon Patino, Cochabamba, Bolivia.

Yensen, E., and H. Gomez. Sciuridae. Pp. Xx-xx. In: R. Wallace, D. Rumíz, and H. Gómez (eds.). Mamíferos grandes y medianos de Bolivia. Editorial Fundación Simon Patino, Cochabamba, Bolivia.

### Published

#### **Books, Monographs, and Field Guides:**

U. S. Fish and Wildlife Service (Haak, B., R. Howard, B. Rautsaw, L. Schultz, R. Vizgirdas, and E. Yensen, primary authors). 2003. Recovery Plan for the northern Idaho ground squirrel *Spermophilus brunneus brunneus*. U. S. Fish and Wildlife Service, Region 1, Portland, Oregon, 68 pp.

Yensen, E., and P. W. Sherman. 2003. Ground-dwelling squirrels of the Pacific Northwest. Illustrations by W. P. Hooper. U.S. Fish & Wildlife Service and U.S. Bureau of Land Management, Boise, Idaho. 28 pp. (field guide)

Hafner, D. J., E. Yensen, and G. L. Kirkland, Jr. (compilers and eds.). 1998. North American rodents. Status survey and conservation action plan. IUCN/SSC Rodent Specialist Group. International Union for the Conservation of Nature, Gland, Switzerland and Cambridge, UK. 171 pp.

Editors' Notes and Acknowledgements – D. J. Hafner, E. Yensen, and G. L. Kirkland, Jr.

Executive Summary – D. J. Hafner, E. Yensen, G. L. Kirkland, Jr., J. G. Hall, J. A. Cook, and D. W. Nagorsen

Introduction –E. Yensen and D. J. Hafner

Chapter 1. North American Rodents – D. J. Hafner and E. Yensen

Chapter 2. Rodents of Northwestern North America - E. Yensen, J. A. Cook, D. W. Nagorsen

Chapter 5. Summary Descriptions of Rodents of Conservation Concern – D. J. Hafner, E. Yensen, and G. L. Kirkland, eds. (E. Yensen wrote or contributed to 15 species accounts)

Chapter 6. Conservation Priorities, Action Plans and Conservation Strategies for North American Rodents - E. Yensen, D. J. Hafner, and J. A. Cook

### **Book Chapters:**

Tarifa, T., J. Aparicio E., and E. Yensen. 2007. Mammals, amphibians, and reptiles of the Bolivian high Andes: an initial comparison of diversity patterns in *Polylepis* woodlands. Pp. 241-274, in D. A. Kelt, E. P. Lessa, J. Salazar-Bravo, and J. L. Patton (eds.), *The quintessential naturalist: honoring the life and legacy of Oliver P. Pearson*. University of California Publications in Zoology 134:1-981.

Salazar-Bravo, J., T. Tarifa, L. Aguirre, E. Yensen, T. Yates. 2004. Lista de los mamíferos de Bolivia. Pp. xxx – xxx, in Ibisch, P. *Diagnostico de la fauna de Bolivia*. Editorial FAN, La Paz, Bolivia. (in Spanish)

Yensen, E., and P. W. Sherman. 2003. Ground squirrels. Pp. 211-231, *in*: G. A. Feldhamer, B. C. Thompson, and J. A. Chapman (editors). *Wild Mammals of North America*, second edition. Johns Hopkins University Press, Baltimore. 1216 pp.

Vander Haegen, W. M., S. M. McCorquodale, C. R. Peterson, G. A. Green, and E. Yensen. 2001. Wildlife communities of eastside shrubland and grassland habitats. Pages 349-377, in D. H. Johnson and T. A. O'Neil (editors). *Wildlife-habitat relationships in Oregon and Washington*. Oregon State University Press, Corvallis, Oregon, 736 pp.

- Yensen, E., and M. Valdés-Alarcón. 1999. Family Sciuridae. Pp. 239-320, *in*: S. T. Alvarez-Castañeda and J. L. Patton (eds.), *Mamíferos del Noroeste de Mexico*. Centro de Investigaciones Biológicas del Noroeste, S.C., La Paz, Baja California Sur, Mexico, 583 pp.
- Yensen, E. 1999. *Spermophilus armatus*. Pp. 408-409, *in*: D. E. Wilson and S. Ruff (eds.), *The Smithsonian book of North American mammals*. Smithsonian Institution Press, Washington, D.C., 750 pp.
- Yensen, E., and P. W. Sherman. 1999. *Spermophilus brunneus*. Pp. 414-415, *in*: D. E. Wilson and S. Ruff (eds.), *The Smithsonian book of North American mammals*. Smithsonian Institution Press, Washington, D.C., 750 pp.
- Yensen, E. 1999. *Spermophilus washingtoni*. Pp. 440-441, *in*: D. E. Wilson and S. Ruff (eds.), *The Smithsonian book of North American mammals*. Smithsonian Institution Press, Washington, D.C., 750 pp.
- Articles:**
- Tarifa, T., E. Yensen, and F. Guerra. 2008. A preliminary inventory of mammals at a site in the Cordillera Mosestenes, Cochabamba Department, Bolivia. *Revista Boliviana de Ecología y Conservación Ambiental* 24:73-86.
- Steenhof, K., E. Yensen, M. N. Kochert, and K. L. Gage. 2006. Populations and habitat relationships of Piute ground squirrels in southwest Idaho. *Western North American Naturalist* 66:482-491.
- Voss, R. S., T. Tarifa, and E. Yensen. 2004. An introduction to *Marmosops* (Marsupialia: Didelphidae), with the description of a new species from Bolivia and notes on the taxonomy and distribution of other Bolivian forms. *American Museum Novitates* 3466:1-40.
- Harrison, R. G., S. M. Bogdanowicz, R. S. Hoffmann, E. Yensen, and P. W. Sherman. 2003. Phylogeny and evolutionary history of the ground squirrels (Rodentia: Marmotinae). *Journal of Mammalian Evolution* 10:249-276.
- Yensen, E., and T. Tarifa. 2003. *Galictis vittata*. *Mammalian Species* 727:1-8.
- Yensen, E., and T. Tarifa. 2003. *Galictis cuja*. *Mammalian Species* 728:1-8.
- Salazar-Bravo, J., T. Tarifa, L. Aguirre, E. Yensen, and T. Yates. 2003. A revised checklist of the mammals of Bolivia. *Occasional Papers of the Museum, Texas Tech University* 220:1-28.
- Yensen, E., and T. Tarifa. 2002. Mammals of Bolivian *Polylepis* woodlands: guild structure and diversity patterns in the world's highest woodlands. *Ecotropica* 8:145-162.
- Salazar-Bravo, J., E. Yensen, T. Tarifa, and T. L. Yates. 2002. Distributional records of Bolivian mammals. *Mastozoología Neotropical/Journal of Neotropical Mammalogy* 9:5-12.
- Tarifa, T., and E. Yensen. 2001. Mamíferos de los bosques de *Polylepis* de Bolivia. *Revista*

- Boliviana de Ecología y Conservación Ambiental, 9:29-44. (in Spanish)
- Cortes-Calva, P., E. Yensen, S.T. Alvarez-Castañeda. 2001. *Neotoma anthonyi*. Mammalian Species, 664:1-3.
- Cortés-Calva, P., E. Yensen, S. T. Alvarez-Castañeda. 2001. *Neotoma martinensis*. Mammalian Species, 657:1-3.
- Yensen, E., and K. Seymour. 2000. *Oreailurus jacobita*. Mammalian Species, 644:1-6.
- Moretti, M., J. Fenger, J. Jackson, and E. Yensen. 1999. Density and spatial utilization by Anthony's pocket mouse and Cedros Island cactus mouse, Cedros Island, Baja California, Mexico. Journal of the Idaho Academy of Science, 35:1-7.
- Alvarez-Castañeda, S. T., and E. Yensen. 1999. *Neotoma bryanti*. Mammalian Species, 619:1-3.
- Yensen, E. 1999. Land mammals of Oregon. Journal of Mammalogy, 80:694-695. (book review)
- Gavin, T. A., P. W. Sherman, E. Yensen, and B. May. 1999. Genetic population structure of the northern Idaho ground squirrel (*Spermophilus brunneus brunneus*). Journal of Mammalogy, 80:156-168.
- Yensen, E., and P. W. Sherman. 1997. *Spermophilus brunneus*. Mammalian Species, 560:1-5.
- Yensen, E., C. R. Baird, and P. W. Sherman. 1996. Larger ectoparasites of the Idaho ground squirrel, *Spermophilus brunneus*. Great Basin Naturalist, 56:237-246.
- Alvarez-Castañeda, S. T., G. Arnaud, and E. Yensen. 1996. *Spermophilus atricapillus*. Mammalian Species, 521:1-3.
- Dyni, E. J., and E. Yensen. 1996. Dietary similarity in sympatric Idaho and Columbian ground squirrels (*Spermophilus brunneus* and *S. columbianus*). Northwest Science, 70:99-108.
- Yensen, E., T. Tarifa, and S. Anderson. 1994. New distributional records for some Bolivian mammals. Mammalia, 58:405-413.
- Yensen, E., and T. Tarifa. 1993. Reconocimiento de los mamíferos de Parque Nacional Sajama. Ecología en Bolivia, 21:45-66. (in Spanish)
- Carraway, L. N., E. Yensen, B. J. Verts, and L. F. Alexander. 1993. Range extension and habitat of *Peromyscus truei* in eastern Oregon. Northwestern Naturalist, 74:81-84.
- Yensen, E. 1993. El valor de la biodiversidad. Pp. 95-106, In: E. Castillo de Maroenda (ed.), Memoria, X Congreso Nacional de Biología, 2-7 Agosto 1992. Consejo Nacional Colegio de Biólogos del Perú. Lima, Perú. 254 pp. (in Spanish)

- Yensen, E. 1992. La pérdida de la biodiversidad. *Habitat*, No. 19 (supplement):6-7. (in Spanish)
- Yensen, E., D. L. Quinney, \*K. Johnson, K. Timmerman, and K. Steenhof. 1992. Fire, vegetation changes, and population fluctuations of Townsend's ground squirrels. *American Midland Naturalist*, 128:299-312.
- Yensen, E., and D. L. Quinney. 1992. Can Townsend's ground squirrels survive on a diet of exotic annuals? *Great Basin Naturalist*, 52:269-277.
- Gill, A. E., and E. Yensen. 1992. Biochemical differentiation in the Idaho ground squirrel, *Spermophilus brunneus*. *Great Basin Naturalist*, 52:155-159.
- Yensen, E. 1991. Taxonomy and distribution of the Idaho ground squirrel, *Spermophilus brunneus*. *Journal of Mammalogy*, 72:583-600.
- Laurance, W. F., and E. Yensen. 1991. Predicting the impact of edge effects in fragmented habitats. *Biological Conservation*, 55:77-92.
- Yensen, E., M. P. Luscher, and S. Boyden. 1991. Structure of burrows used by Idaho ground squirrels, *Spermophilus brunneus*. *Northwest Science*, 65:93-100.
- Truksa, A., and E. Yensen. 1991. Photographic evidence of conifer invasion in Adams Co., Idaho. *Journal of the Idaho Academy of Science*, 26:18-40.
- Rickart, E. A., and E. Yensen. 1990. *Spermophilus washingtoni*. *Mammalian Species*, 371:1-5.
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