

Jim Boone's Publications

Refereed Literature

- Rautenstrauch, K. R., D. L. Rakestraw, G. A. Brown, J. L. Boone, and P. E. Lederle. 2002. Patterns of Burrow Use by Desert Tortoises (*Gopherus agassizii*) in Southcentral Nevada. *Chelonian Conservation and Biology*, 4(2):398-405.
- Boone, J. L., and E. A. Holt. 2001. Field Sexing Young Free-ranging Desert Tortoises (*Gopherus agassizii*) Using External Morphology. *Chelonian Conservation and Biology*, 4(1):28-33.
- Boone, J. L., P. E. Lederle, and S. L. Petersen. 1999. More Additions to the Birds of Nevada Test Site. *Western Birds*, 30:211-213.
- Laerm, J., W. M. Ford, T. S. McKay, M. A. Menzel, L. T. Lepardo, and J. L. Boone. 1999. Soricid Communities in the Southern Appalachians. Pp. 177-193 in *Proceedings of the Appalachian Biodiversity Symposium: Virginia Museum of Natural History, Special Publication Number 7*, Blacksburg.
- Laerm, J., T. C. Carter, M. A. Menzel, T. S. McCay, J. L. Boone, W. M. Ford, L. T. Lepardo, D. M. Krishon, G. Balkcom, N. L. Van Der Maath, and M. J. Harris. 1999. Amphibians, Reptiles, and Mammals of Sapelo Island, Georgia. *The Journal of the Elisha Mitchell Scientific Society*, 115(2):104-126.
- Laerm, J., M. A. Menzel, and J. L. Boone, and D. M. Krishon. (1999). Morphological Discrimination between the Red Bat *Lasiurus borealis* and the Seminole Bat *Lasiurus seminolus* (Chiroptera: Vespertilionidae) in the Southeastern United States. *Journal of the Elisha Mitchell Scientific Society*.
- Boone, J. L., J. Laerm, and M. H. Smith. 1999. Allozyme Variation in the Cotton Mouse (*Peromyscus gossypinus*). *Journal of Mammalogy*, 80:833-844.
- Magnarelli, L. A., K. C. Stafford III, J. W. Ijdo, E. Fikrig, J. H. Oliver, Jr., H. J. Hutcheson, and J. L. Boone. 1999. Antibodies to Granulocytic Ehrlichiae in White-Footed and Cotton Mice in Eastern United States. *Journal of Wildlife Diseases*, 35:259-265.
- Boone, J. L., and E. A. LaRue. 1999. Effects of Marking *Uta stansburiana* (Sauria: Phrynosomatidae) with Xylene-Based Paint. *Herpetological Review*, 30:33-34.
- Boone, J. L., and C. L. Sowell. 1999. Geographic Distribution: *Eumeces gilberti rubricaudatus*. *Herpetological Review*, 30:52.
- Boone, J. L., D. L. Rakestraw, and K. R. Rautenstrauch. 1999. *Gopherus agassizii* (Desert Tortoise): Predation. *Herpetological Review*, 30:40.
- Lederle, P. E., K. R. Rautenstrauch, D. L. Rakestraw, K. K. Zander, and J. L. Boone. 1997. Upper Respiratory Tract Disease and Mycoplasmosis in Desert Tortoises from Nevada. *Journal of Wildlife Diseases*, 33:759-765.
- Laerm, J., M. A. Menzel, and J. L. Boone. 1997. Mensural Discrimination of *Sorex longirostris* and *Sorex cinereus* (Insectivora: Soricidae) in the Southeastern United States. *Brimleyana*, 24:15-27.
- Laerm, J., and J. L. Boone. 1997. Mensural Discrimination of Four Species of *Peromyscus* (Rodentia: Muridae) in the Southeastern United States (Vol. 21, Pg 107, 1994); Correction. *Brimleyana*, 24:114.
- Lederle, P. E., M. C. Nelson, and J. L. Boone 1997. A Simple, Inexpensive, and Versatile Research Blind. *North American Bird Bander*, 22:18-21.
- Laerm, J., and J. L. Boone. 1995. Corrections of Records of Occurrence of *Peromyscus polionotus* (Wagner) and *P. gossypinus* (LeConte) (Rodentia: Muridae) in the Blue Ridge Province of Georgia. *Brimleyana*, 22:9-14.
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- Boone, J. L., and R. G. Wiegert. 1994. Modeling Deer Herd Management: Sterilization is a Viable Option. *Ecological Modeling*, 72:175-186.
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- Weed, J., and J. L. Boone. 1992. A Macintosh Computer System for Collecting and Analyzing Rodent Sexual Behavior. *Physiology and Behavior*, 52: 183-184.

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- Magnarelli, L. A., J. H. Oliver, H. J. Hutcheson, J. L. Boone, and J. F. Anderson. 1992. Antibodies to *Borrelia burgdorferi* in Rodents in the Eastern and Southern United States. *Journal of Clinical Microbiology*, 30: 1449-1452.
- Boone, J. L., J. Laerm, and M. H. Smith. 1990. The Cumberland Island Cotton Mouse: A Unique Subspecies? *Park Science*, 10(4):7.
- Boone, J. L., E. Furbish, K. Turner, and S. P. Bratton. 1988. Clear Plastic. A Non-chemical Herbicide. *Restoration and Management Notes*, 6:94-95.

Ph. D. Dissertation

- Boone, J. L. 1995. Patterns of temporal and geographic variation in the genetics and morphology of cotton mice (*Peromyscus gossypinus*). Ph. D. Dissertation, University of Georgia, Athens, 239 pp.

M.S. Thesis

- Boone, J. L. 1990. Reassessment of the taxonomic status of the Cotton Mouse (*Peromyscus gossypinus anastasiae*) on Cumberland Island, Georgia, and the implications of this information for conservation. MS Thesis, Univ. of Georgia. 70 pp.

B.S. Thesis

- Boone, J. L. 1986. Morphological differences between populations of deer mice (*Peromyscus maniculatus rubidus*) in sand dune and upland habitats. B.S. Thesis, Humboldt State University, Arcata, California.

Gray Literature

- Boone, J. L. 1994. Studies of the Cotton Mouse (*Peromyscus gossypinus*), II. *Peromyscus Newsletter* 17:28-29.
- Boone, J. L. 1993. Studies of the Cotton Mouse (*Peromyscus gossypinus*). *Peromyscus Newsletter* 16:29.
- Boone, J. 1993. Tax treatment of graduate student stipends. *Teaching Assistant Newsletter* 3: 3-4.
- Boone, J. 1993. Tax treatment of graduate student stipends. *The Compass* 3: 2-4.
- Boone, J. L. 1991. Taxonomic status of *Peromyscus gossypinus anastasiae* (Anastasia Island cotton mouse). *Peromyscus Newsletter*, 11: 17.

Technical Reports

Community Ecology

- Boone, J. L., and P. E. Lederle. 1998. The birds of Yucca Mountain, Nevada, and vicinity. U.S. Department of Energy, Civilian Radioactive Waste Management System Management & Operating Contractor (CRWMS M&O), Report B00000000-01717-5705-00092.
- Sowell, C. L., and J. L. Boone. 1996. Lagomorph population trends at Yucca Mountain, Nevada: 1990-1995. CRWMS M&O, B00000000-01717-5705-00053.
- Rakestraw, D. L., D. L. Allen, J. L. Boone, and M. K. Cox. 1996. Bats of Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00050.
- Boone, J. L., C. L. Sowell, and R. A. Green. 1996. Fluctuations in the size of rodent populations of the transition desert at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00039.
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- Boone, J. L., C. L. Sowell, and R. A. Green. 1996. Changes in the population size of 10 reptilian species at Yucca Mountain, Nevada: 1991 to 1995. CRWMS M&O, B00000000-01717-5705-00037.
- Green, R. A., C. L. Sowell, and J. L. Boone. 1996. Species composition and abundance of small mammal populations at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00034.

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Desert Tortoise

- Boone, J. L. and K. R. Rautenstrauch. 1998. Survival of desert tortoises at Yucca Mountain, Nevada, 1989-1995. CRWMS M&O, B00000000-01717-5705-00086.
- Rautenstrauch, K. R., D. L. Rakestraw, G. A. Brown, J. L. Boone, and A. L. Hughes. 1997. Patterns of burrow use by desert tortoises at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00041.
- Lederle, P. E., K. R. Rautenstrauch, D. L. Rakestraw, K. Z. Zander and J. L. Boone. 1998. Health and disease monitoring of the desert tortoise population at Yucca Mountain. CRWMS M&O, B00000000-01717-5705-00051.

Environmental Impacts

- Boone, J. L. 1998. Indirect impacts of site characterization activities on small mammal populations in the *Larrea-Lycium-Grayia* vegetation association at Yucca Mountain, Nevada: 1991-1997. CRWMS M&O, B00000000-01717-5705-00102.
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- Sowell, C. L., and J. L. Boone. 1998. Traffic volume at Yucca Mountain, Nevada, 1991-1994. CRWMS M&O, B00000000-01717-5705-00042.
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- Rasmuson, K. E., J. L. Boone, and S. L. Petersen. 1999. Final Report: Plant and soil related processes along a natural thermal gradient at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00109.

Reclamation

- Walters, J.P., and J. L. Boone. 2002. Effects of Salinity and Sodidity on Vegetation Used for Strip Mine Reclamation in Webb County, Texas. Report prepared for Farco Mining, Laredo, Texas, 33 pp. plus Appendices.
- Petersen, S. L., J. L. Boone, W. M. Fariss, and V. K. Winkel. 1998. Effects of soil type, soil depth, and soil amendments on plant establishment at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00097.
- Rasmuson, K. E., J. L. Boone, and S. L. Petersen. 1998. Status Report: Recovery status of vegetation on reclamation study sites at Yucca Mountain, Nevada. CRWMS M&O Report, 39 pp.
- Boone, J. L., and M. W. Fariss. 1999. Effects of topsoil stockpiling on soil viability at Yucca Mountain, Nevada. CRWMS M&O, B00000000-01717-5705-00054.

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- Boone, J. L., J. Laerm, and K. Roe. 1991. Small mammal trapping: Archbold Biological Station, Highlands County, Florida. Project Completion Report, University of Georgia, Museum of Natural History, 3 pp. + 1 map.
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- Boone, J. L. 1990. Reassessment of the taxonomic status of the cotton mouse (*Peromyscus gossypinus anastasiae*) on Cumberland Island, Georgia, and implications for conservation. CPSU Tech. Rep. No. 60. 70 pp.
- Boone, J. L. 1988. Status of the cotton mouse (*Peromyscus gossypinus anastasiae*) population on Little Cumberland Island. Project Completion Report. Institute of Ecology, Univ. of GA. 6 pp.
- Boone, J. L. 1988. Small mammal response to fire on Bodie and Hatteras Islands, Cape Hatteras National Seashore, North Carolina. CPSU Tech. Rep. No. 48. 43 pp.

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- Boone, J. L. 1988. Birds of the Bodie Island Lighthouse Pond and the Roadside Ponds and Marshes, Cape Hatteras National Seashore, NC. CPSU Tech. Rep. No. 46. 23 pp.
- Boone, J. L., and E. A. LaRue. 1987. Report on trapping at Wright Brothers National Monument. 1 pp.
- Boone, J. L., E. Furbish, and K. Turner. 1987. Control of *Phragmites communis*: Results of burning, cutting, and covering with plastic in a North Carolina salt marsh. CPSU Tech. Rep. #41. 15 pp.

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- Boone, J. L. 1995. Instructions for the use of program CAPTURE. EG&G/EM Work Instructions.
- Purdue, J. R., M. H. Smith, J. L. Boone, and J. C. Patton. 1994. Spatial and temporal dynamics in the genetic traits of mainland and island white-tailed deer (*Odocoileus virginianus*). Grant proposal to NSF. Illinois State Museum of Natural History, 42 pp.
- Boone, J. L. 1989. Control of *Phragmites communis* on Cape Hatteras National Seashore. Page 24 in S. P. Bratton (ed.). USNPS CPSU Annual Report 1988.
- Boone, J. L. 1989. The response of small mammals to prescribed fire on Cape Hatteras National Seashore. Pp. 48-49 in S. P. Bratton (ed.). USNPS CPSU Annual Report 1988.
- Boone, J. L. 1989. Taxonomic status of the Cumberland Island Cotton Mouse. P. 30 in S. P. Bratton (ed.). USNPS CPSU Annual Report 1988.
- Boone, J. L. 1989. Waterfowl use of ponds on Cape Hatteras National Seashore. P. 24 in S. P. Bratton (ed.). USNPS CPSU Annual Report 1988.
- Laerm, J., and J. L. Boone. 1988. Systematic analysis of Florida populations of the Cotton Mouse (*Peromyscus gossypinus*), Grant proposal. Mus. Nat. Hist, Univ. of GA. 15 pp. + Appendices.
- Boone, J. L. 1988. Waterfowl use of ponds on Cape Hatteras NS. P. 31 in S. P. Bratton (ed.) U. S. USNPS CPSU Annual Report 1987. Institute of Ecology, Univ. of Georgia.
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- Boone, J. L. 1999. Comments on the Chuckwalla Extinction Model Developed by UNR. Nevada Wildlife Commission. November 6, 1999. Las Vegas, NV.
- Boone, J. L., and E. A. LaRue. 1999. Effects of marking *Uta stansburiana* with xylene-based paint. Current Research on Herpetofauna of the Sonoran Desert. April 9-10. Phoenix, AZ.
- Boone, J. L., Castleberry, S. B., Ford, W. M., McCay, T. S., McGhee, E., Menzel, M. A., and Van der Maath, N. L. 1998. Mammalogy on the edge: the life and times of Joshua Laerm. Eighth Colloquium on the Conservation of Mammals in the Southeastern United States. February 19-20. Hot Springs, AR.
- Boone, J. L. 1997. Environmental Considerations: What we have done, and where we are going. Biosphere Modeling Abstraction and Testing Workshop. June 2-3. Las Vegas, NV.
- Boone, J. L. 1997. Assessing gender in free-ranging desert tortoises (*Gopherus agassizii*) using external morphology. April 1997. Desert Tortoise Council, Las Vegas, NV.
- Boone, J. L. 1996. Analyzing the analysis: Effect of sample size and temporal variation on Skalski and Robson's Impact Assessment Model. Oct. 1996. SAIC Technical Presentations, Las Vegas, NV.
- Smith, M. H., J. L. Boone, and J. Novak. 1996. Correlation between morphological and genetic variance. Third Symposium on Ecological Genetics in Mammals. September 1996. Kiel University, Germany.

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- Laerm, J., W. M. Ford, M. A. Menzel, T. S. McKay, and J. L. Boone. 1995. Soricid communities and habitat associations in the southern Appalachians. Symposium; Appalachian Biodiversity. June 25-29, 1995. Virginia Polytechnic Institute and State University, Blacksburg, VA.
- Boone, J. L. 1995. Hybridization between *Peromyscus gossypinus* and *P. leucopus*: frequency, taxonomy, and conservation. Fifth Colloquium on Conservation of Mammals in the South-central United States, February 24-25, Tennessee Technical University, Cookeville, TN.
- Laerm, J., W. M. Ford, M. A. Menzel, T. S. McKay, and J. L. Boone. 1995. Soricid communities in the southern Appalachians. Fifth Colloquium on Conservation of Mammals in the South-central United States, February 24-25, Tennessee Technical University, Cookeville, TN.
- Boone, J. L. 1994. Taxonomic status of the Key Largo cotton mouse (*Peromyscus gossypinus allapaticola*). Ann. Meet. of the Am. Soc. of Mammalogists, June 18-23, Washington, D.C.
- Boone, J. L. 1994. Taxonomic status of the Key Largo cotton mouse (*Peromyscus gossypinus allapaticola*). 4th Colloquium on Conservation of Mammals in the South-central U.S., February 25-26, University of Georgia, Athens, Georgia.
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- Boone, J. L. 1989. Deer herd management: Sterilization is a viable option. U.S. Department of the Interior, National Park Service, Deer Management Workshop, May 15-17, Atlanta, GA.