

## Desert Tortoise Council Publications

# 1994 PROCEEDINGS CONTENTS

### Proceedings of the Nineteenth Annual Symposium 1994

- Avery, Harold W. Digestive physiology and nutritional ecology of the desert tortoise fed native versus non-native vegetation: implications for tortoise conservation and land management. p. 143.
- Barrett, Sherry. Critical habitat for the desert tortoise. p. 144.
- Belfit, Scott C., Marilet A. Zablan, Richard A. Fridell, Todd C. Esque, and Marshall Topham. The habitat conservation planning process in Washington County, Utah. pp. 113-119.
- Berry, Kristin H. Surveys for desert tortoise demographic data: reflections on the 60-day spring plots. p. 145.
- Brown, Dan R., and Mary B. Brown. The 16S rRNA gene identifies *Mycoplasma agassizii* isolated from ill desert tortoises. p. 146.
- Brown, Mary B., and Dan R. Brown. Important considerations in the isolation and identification of *Mycoplasma agassizii*. p. 149.
- Brown, Mary B., Isabella M. Schumacher, Paul A. Klein, Kenneth A. Nagy, and Kristin H. Berry. A two year survey of the presence of specific antibody to *Mycoplasma agassizii* in the serum of desert tortoises from three geographical locations. pp. 147-148.
- Burchett, Gary L. Construction and implementation of revegetative machinery along the Morongo Valley Pipeline. p. 150.
- Congdon, Justin D., A. E. Dunham, and R. C. van Loben Sels. Demographics of long-lived organisms: implications for conservation and management. p.151.
- Dale, Roger. Progress report on proposed Mojave Desert Educational Outreach Center, San Bernardino County, California. pp. 120-124.
- Dickinson, Vanessa M. Health studies of Sonoran Desert tortoises, 1993 annual report. p. 152.
- Duck, Timothy A., Todd C. Esque, and Timothy J. Hughes. Fighting wildfire in desert tortoise habitat: considerations for land managers. pp. 58-67.
- Esque, Todd C., Timothy J. Hughes, Lesley A. DeFalco, Brian E. Hatfield, and Russell B. Duncan. Effects of wildfire on desert tortoises and their habitats. pp. 153-154.
- Henen, Brian T., and Kenneth A. Nagy. Drought reduction of resources allocation to reproduction in female desert tortoises. p. 155.
- Holt, Eric A., and James M. Mueller. Monitoring raven abundance at Yucca Mountain. pp. 125-129.
- Homer, Bruce L., Elliot R. Jacobson, Mary M. Christopher, and Mary B. Brown. An update on shell disease (cutaneous dyskeratosis) in desert tortoises, *Gopherus agassizii*. p. 156.

- Homer, Bruce L., Elliot R. Jacobson, Mary M. Christopher, and Mary B. Brown. Physiological and morphological effects of burn injury in a desert tortoise, *Gopherus agassizii*. p. 157.
- Hughes, Audrey L., Kurt R. Rautenstrauch, and Danny L. Rakestraw. Hibernation behavior of desert tortoises at Yucca Mountain, Nevada. p. 158.
- Jacobson, Elliot R., Mary B. Brown, Paul A. Klein, Isabella M. Schumacher, and Dan R. Brown. Upper respiratory disease in the gopher tortoise, *Gopherus polyphemus*. p. 159.
- Karl, Alice. Reproduction in desert tortoises: ecological and evolutionary perspectives. p. 160.
- Klassen, Janice M., James K. Klassen, and D. Bradford Hardenbrook. Survey of normal bacterial flora in the upper respiratory tract of the desert tortoise in southern Nevada. p. 161.
- Klug, Christopher M. Population estimation in Sonoran Desert tortoise. p. 162.
- Krzysik, Anthony J., Kevin C. Steele, Scott A. Tweddale, and Helena Mitasova. Thin-plate splines: a novel technology for modeling desert tortoise populations on landscape and regional scales. p. 163.
- Kuchling, Gerald. The recovery plan and population management of the critically endangered *Pseudemys umbrina*. p. 164-165.
- Kuchling, Gerald. Predation on turtles in South-Western Australia and experiences with three years fencing of the last wild population of *Pseudemys umbrina*. p. 166.
- LaRue, Edward L. A tale of two tortoise 10(A) permits. p. 130-140.
- Marlow, Ronald W., and Karen von Seckendorff Hoff. The Clark County Short-term Habitat Conservation Plan: are there lessons to be learned from this failure. p. 167.
- Medica, Philip A., Mary B. Saethre, and Richard B. Hunter. Recovery of a desert community after fire in the northern Mojave. pp. 68-92.
- Minnich, Richard A. Postfire succession in desertscrub communities of southern California. pp. 93-112.
- Morafka, David J., Gustavo A. Leon, and Robert W. Murphy. Allozyme differentiations among gopher tortoises (*Gopherus*): conservation genetics, and phylogenetic and taxonomic implications. p. 168.
- Mueller, James M., Kamila R. Naifeh, Danny L. Rakestraw, Kurt R. Rautenstrauch, and Katherine K. Zander. Reproductive characteristics of desert tortoises at Yucca Mountain, Nevada. p. 169.
- Murray, Roy C., and Cecil R. Schwalbe. Estimated sizes of Sonoran populations of the desert tortoise with Program Capture. pp. 51-57.
- Murray, Roy C., Cecil R. Schwalbe, Scott J. Bailey, S. Peder Cuneo, and Scott D. Hart. Reproduction in a Sonoran population of the desert tortoise. pp. 49-50.
- Oldemeyer, John L., Philip A. Medica, and P. Stephen Corn. Preliminary results of an evaluation of the effects of cattle grazing on the desert tortoise. p. 170.

- Oldemeyer, John L. Role of the National Biological Survey in desert tortoise research. p. 171.
- Pond, Darlene. The continued saga of desert tortoise adoptions in northern Nevada. p. 141-142.
- Rautenstrauch, Kurt R., and Eric A. Holt. Selecting an appropriate method for calculating desert tortoise home range size and location. pp. 172-173.
- Sazaki, Marc, William I. Boarman, Glenn C. Goodlett, and Tracy Okamoto. Risk associated with long-distance movements. pp. 33-48.
- Schumacher, Isabella M., Elliot R. Jacobson, Mary B. Brown, Paul A. Klein, and D. Bradford Hardenbrook. Correlation of the presence of antibodies to *Mycoplasma agassizii* with the presence of clinical signs in 144 desert tortoises from the Las Vegas Valley. p. 174.
- Sloane, Sidney C. Implementation of desert tortoise (*Gopherus agassizii*) recovery in Nevada. p. 175.
- Soleymani, Davood E., Eddie Treviño, David J. Morafka, Michelle A. Joyner, and Manucher Dezfulian. Preliminary between coprophagy, growth, and the bacterial parasitic intestinal biota in neonatal desert tortoises, *Gopherus agassizii*: an experimental study. p. 176.
- Spangenberg, E. Karen. Spring foraging behavior, movements, and general activities of two adult female and immature desert tortoises near Kramer Junction, San Bernardino County, California. p. 177.
- Tracy, C. Richard, Peter F. Brussard, and Todd C. Esque. Controlling competition for forage between desert tortoise and domestic stock. p. 178.
- Tracy, C. Richard. Patterns of fire incidence and implications for management of Desert Wildlife Management Areas. p. 179.
- Tracy, C. Richard, and Todd C. Esque. Optimal foraging in desert tortoise. p. 180.
- Treviño, Eddie. A community-based tortoise reserve design for Rancho Sombreretillo and the Bolson tortoise, *Gopherus flavomarginatus*. p. 181.
- Waller, Tomás. Conservation problems of *Geochelone chilensis* in Argentina: livestock grazing. p. 182.
- Waller, Tomás. Conservation problems of *Geochelone chilensis* in Argentina: trade. p. 183.
- Waller, Tomás, and Patricio A. Micucci. The ecology and population attributes of *Geochelone chilensis* in Argentina. p. 184.
- Weinstein, Michael N. The effects of annual precipitation and raven predation in the desert tortoise: models drawn from the new Goffs life table. p. 185.