

2009 Western Bat Working Group Biennial Conference
Austin, Texas
Radisson Austin Town Lake,
April 15-18, 2009

Call for Papers

We are soliciting abstracts for oral or poster presentations on conservation, management or research of bats, directly or indirectly related to bat species of western North America. We encourage presentations of either an applied or research nature. The first platform session of the conference on Thursday morning will be dedicated to wind energy related papers.

Oral presentations:

Oral presentations will begin on Thursday morning April 16, 2009 and continue through Friday afternoon, April 18, 2009. Presentations will be scheduled for a total of 20 minutes, including 3 minutes for questions and dialogue. Abstracts should not exceed 200 words, excluding title and author addresses, should be in Arial 12-point font, and must adhere to format and layout elements provided in the example below. Denote presenting author with an asterisk.

Poster and Technology Demo Sessions:

Posters will be displayed Thursday April 16 – Saturday April 18. There will be a formal poster and technology demo session on Friday afternoon. We encourage those who have works in progress or in the planning stages to present their work as a poster to allow for more in-depth discussion with colleagues than will be possible with an oral presentation. Poster display boards will be provided. Poster size should be approximately 3 ft high and 4 ft wide. Integrated with the poster session, will be technology demos so individuals can share their bat-related “technical creations”. This might be something as simple as a modified hand net or as complex as a satellite tracking system. Please indicate on your registration form if you will be conducting a technology demo and if you need a table for your demo.

The deadline for submitting abstracts for the oral platform or poster and technology demo session is Sunday, March 15, 2009. Authors will be notified about the presentation schedule by March 27, 2009. Abstracts should be 250 words or less (excluding title and authors) and should follow the format included in the example abstract (s). Place an asterisk following the name of the presenting author and include their email. All presenters must register for the conference by March 15, 2009.

Abstracts must be submitted to Michelle Caviness via e-mail (preferred) in WORD or Rich Text format at Michelle_Caviness@blm.gov. Alternatively they can be submitted via snail mail (but must be received by 15 March 2009) to:

Michelle Caviness
Vale BLM, Malheur Resource Area
100 Oregon St
Vale, OR 97918

Example Abstract

Foraging and roosting sites for male spotted bats (*Euderma maculatum*), northern Arizona

Carol L. Chambers*, Michael J. Herder, Mikele L. Painter, and David G. Mikesic, Carol.Chambers@nau.edu , Northern Arizona University, Flagstaff, AZ ; Bureau of Land Management Arizona Strip Field Office, St. George, UT; Kaibab National Forest, Fredonia, AZ; Navajo Nation Department of Fish and Wildlife, Window Rock, AZ

We attached radio transmitters to 4 spotted bats (*Euderma maculatum*) captured at their cave roost site, June 2003. We tracked bats for 13 days to identify roosts, foraging locations and travel corridors. All tagged bats immediately relocated to different day roosts. New roost sites were in cracks, crevices, or small caves in the upper-most portions of vertical cliffs along the upper Colorado River (Marble Canyon). Spotted bats also night roosted: 1 bat in Marble Canyon; others in pinyon-juniper woodlands up to 20 km away from day roosts. Bats emerged from day roosts ~2030 h each night, foraged for several hours, night roosted for ≤ 3 hours, and returned to day roost predawn. Bats spent much of their time foraging in Great Basin desert scrub vegetation. Marble Canyon and adjacent tributaries were used as foraging areas and travel corridors. Total distance traveled nightly was estimated as ~80 km for 2 bats. A maximum flight speed of 54 km/h was estimated for 1 bat. Previous work in northern Arizona with female spotted bats indicated similar travel distances and flight speeds; however, known roosts for females are >70 km from known male roosts with a 1700 m elevation gain/loss. Spotted bats appear to be locally common in northern Arizona and use similar habitat compared with other populations; however foraging distances are much greater than reported elsewhere in the literature.