

Region 2 Sensitive Species List

Spotted Bat (*Euderma maculatum*) [This species needs to be moved from the "...other emphasis species list" section, to the "Sensitive Species" section. Accordingly, the recommendation on the evaluation page needs to be changed to SS]

Recommendation Rationale: **R2 Sensitive Species (SS)**

This species has very restrictive roosting and foraging habitat requirements. Low abundance, patchy distribution and low reproductive capacity raise this species to a level of high concern. The question seems to center on where should these concerns be directed. CDOW believes the species probably only uses "FS lands for limited incidental foraging." The GMUG Forest Biologist agrees that the species likely is not much of an issue for FS, for the same reason. To the contrary, a former GMUG biologist states that there is suitable roosting habitat on the Forest and is unaware of "significant bat surveys" on the GMUG that would support the conclusion that spotted bats are unlikely to roost or breed on the Forest, and recommends Regional listing. The SJNF similarly supports listing. They state that some suitable roosting and foraging habitat is found on that Forest and that little is currently known about occurrence on and use of the Forest by the species. They also point out that cliff roosting habitat is vulnerable to rock climbing, raptor surveys, archaeological exploration, etc; and that foraging habitat is vulnerable to human modification. Availability of suitable habitat, lack of data on use of the Forest, habitat vulnerability, low reproductive potential, and rarity all point to the need to list, according to the Forest. Wyoming G&F is concerned about restricted distribution and numbers, and ongoing habitat loss at significant levels. FWS Cheyenne FO believes some protection by FS is warranted. The rarity of the species, its limited distribution, low reproductive potential, susceptibility to habitat loss, and biologist opinion that data on bat use on these Forests is not good cause us to lean in the direction of caution and place on the Regional sensitive species list.

Revised on January 13, 2003 by Gary Patton