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Sample Typescript

Reintroducing Prairie Dogs into Desert Grasslands

Joe Truett, President, Truett Research, P.O. Box 211, Glenwood, NM 88039, 505/539-2188, FAX 505/539-2177, e-mail: jtruett@wnmc.net

Prairie dogs (*Cynomys* spp.) historically occupied much of the Great Plains and Rocky Mountains from Canada to Mexico (Hall, 1981). Early travelers and settlers encountered the black-tailed prairie dog (*C. ludovicianus*) over much of the shortgrass region of the Great Plains and southwestern deserts (Fig. 1). However, by 1990, this once common animal had almost vanished (Miller and others, 1994).

Transport and Release

We selected two release sites on each ranch in areas historically inhabited by prairie dogs. At one release pen on the Armendaris Ranch, we used a 6-inch (15-cm) auger to make artificial burrow holes about 3 feet (1 m) deep. We drilled each of these holes at a 45-degree angle to the ground.

Management Implications

Observations made during this reintroduction effort indicate:

1. Expansion of the colonies following removal of the perimeter fences can be rather precisely controlled by maintaining grass heights to one foot or taller.
2. Reestablishment of prairie dogs can be used to create or enhance habitat for burrowing owls and other species.

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