

Ellis, K.L., J. Parrish, J.B. Murphy, and G.H. Richins. 1989. Habitat use by breeding male sage grouse: a management approach. *Great Basin Naturalist* 49:404-407.

Abstract. Radio telemetry was used to study habitat use of breeding male sage grouse (*Centrocercus urophasianus*) at a lek in northeastern Utah during 1983 and 1984. Objectives were to determine if grouse day-use areas differed significantly in sagebrush characteristics from adjacent nonuse areas and to establish a simplified method for use by land managers in identifying grouse use areas. We determined that male grouse used areas of greatest sagebrush height and cover. Our methods provide a means for land managers to identify habitat associated with a lek that is suitable for male sage grouse day use in the event sagebrush alteration is planned within 3 km of a lek.