

MISSOURI GUIDELINES HERITAGE DATABASE INFORMATION

LOCATION CRITERIA

The Threatened and Endangered Species Matrix is used as a guide for completing MO-CPA-52 – Environmental Analysis for Conservation Planning. A necessary component in this analysis is the location of species of concern, or the presence of rare and declining habitats. Also, several Farm Bill programs require analysis of sensitive species/habitats during the ranking process for acceptance into the program.

The Missouri Heritage Database is the statewide source for location and habitat information for species/habitats of concern. NRCS is using this database under an agreement with MDC to provide this information for NRCS resource planners.

The following criteria were used to develop the buffers that are shown in the ArcView themes.

1. Within 2.5 miles of any bird species.
2. Within 7 miles of Prairie Chicken site.
3. Within 1 mile of a reptile, amphibian, insect, or mammal.
4. Within or adjacent to a tract with a plant species site (point data).
5. Within 5 miles of an Indiana Bat cave or a successful surface net site.
6. Within 20 miles of a Gray Bat cave or 5 miles of a successful net site.

The following criteria are for other concerns.

1. Natural communities of concern are shown as polygons.
2. Aquatic species are shown as point data and the guidance from the T&E matrix states that effects are judged dependent upon actions taken on the native habitats or riparian zone where species occurs.