

**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.

1. Buffers for birds are at 1 mile, 2.5 or 7 miles dependent upon species.
2. Within 1 mile of a reptile, amphibian, insect, non-bat mammal, millipede, flatworm, or arachnid.
3. Within 1/4 mile of a plant species.
4. Buffers within 1 mile and 5 miles of an Indiana Bat hibernaculum or maternity roost and 5 miles on all other Indiana Bat records.
5. Within 12.4 miles of a Gray Bat record.
6. Natural communities of concern are shown as polygons.
7. Aquatic species are shown as site specific watersheds.