

## FOREST TYPE: NON-FOREST UPLAND

### SPECIES LIST

Asterisk denotes Species of Greatest Conservation Need. Hyperlinks take you to recommendations specific to the species. Includes agricultural fields (1), grasslands (2), forbs (3), pasture land (4), old field/shrub complexes (5), savannah (6) and orchards (7) other (8). ("Other" is identified as derelict buildings, structure debris, caves, mines, ledges, cliffs, talus slopes or stable banks.)

#### Reptiles and Amphibians

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[Blanding's turtle](#)\* 1,2  
[Eastern hognose snake](#)\* 4  
[Northern black racer](#)\* 2

[Black rat snake](#)\* 5  
[Eastern box turtle](#)\* 2  
[Wood turtle](#)\* 2

#### Birds

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[American kestrel](#)\* 4  
Gray partridge 2  
Pheasant 3  
Bobwhite quail 3  
Killdeer 1  
Upland sandpiper 4  
Willow flycatcher 4,5  
[Eastern kingbird](#)\* 7  
Loggerhead shrike 6  
Horned lark 2  
[Purple martin](#)\* 1,2,3  
[Cliff swallow](#)\* 1,2,3  
[Bank swallow](#)\* 1,2  
Northern rough-winged swallow 1,2  
Eastern bluebird 7  
Northern mockingbird 5

[Blue-winged warbler](#)\* 5  
[Golden-winged warbler](#)\* 5  
[Prairie warbler](#)\* 5  
Common yellow throat 4  
[Yellow-breasted chat](#)\* 4  
Chipping sparrow 6  
[Field sparrow](#)\* 5  
[Vesper sparrow](#)\* 2  
Savanna sparrow 2  
Grasshopper sparrow 2  
Song sparrow 5  
[Bobolink](#)\* 2  
[Eastern meadowlark](#)\* 2  
Orchard oriole 7  
Baltimore oriole 6  
American goldfinch 4

#### Mammals

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Least shrew 2  
Eastern mole 4  
Eastern cottontail rabbit  
Woodchuck 1,2,4  
[Eastern small-footed bat](#)\* 8  
[Little brown bat](#)\* 8  
[Big brown bat](#)\* 1,8  
White-footed mouse 5  
Meadow vole 2,3

Woodland vole 2,7  
Meadow jumping mouse 2,3  
Ermine 5  
[Hoary bat](#)\* 8  
[Indiana bat](#)\* 8  
[Northern long-eared bat](#)\* 8  
[Red bat](#)\* 8  
[Silver-haired bat](#)\* 8  
[Tri-colored bat](#)\* 8

## RECOMMENDATIONS

Setting overall general management recommendations for the non-forest upland type with all its components is impractical. Each Species of Greatest Conservation Need preferring this type as breeding habitat has its own management recommendations that include specific treatments applied to the habitat components needed by that species.

In general, mowing, brush-hogging or grazing schedules that retain the desired condition such as grass, pasture, or orchard over time and space is recommended. Pasture, grassland and orchard can occur on a multitude of different soils and their presence is not dictated by soil type—although they tend to be on better soils.