

# Habitat Model for Species: Ruffed Grouse

Alpha Code: RUGR Status: Reintroduced

[Distribution Map](#)

[Habitat Map](#)

## Landcover Category

### **0 - Comments**

[KS GAP]

Habitat Restrictions  
20 ha minimum habitat area; Selected non-oak forests and woodlands (4,5,6,11) adjacent to oak forests or woodlands (2,3,7,8,9).

Rodgers et al., 1998

Kurzejeski, 1988

Atwater and Schnell, 1989

Cade and Sousa, 1985 Recommended (pers. comm.) minimum habitat area is 20 ha.

White and Dimmick, 1978

Kurzejeski and Root, 1989

Rodgers, 1983

### **02 - Oak-Hickory Forest**

[KS GAP]

Map if > 20 ha.

Atwater and Schnell, 1989

Neher, 1993

Titus, 1976

Thompson III, 1987

Cade and Sousa, 1985

Thompson III et al., 1987

Thompson III and Fritzell, 1988

Kurzejeski and Root, 1989

Rusch et al., 2000

Thompson III and Fritzell, 1989

Rodgers, 1983

### **04 - Pecan Floodplain Forest**

[KS GAP]

Map if adjacent to oak forests/woodlands (2, 3, 7, 8, 9, 10).

Atwater and Schnell, 1989

Cade and Sousa, 1985

Rodgers, 1983

### **05 - Ash-Elm-Hackberry**

#### **Floodplain Forest**

[KS GAP]

Map if adjacent to oak forests/woodlands (2, 3, 7, 8, 9, 10).

Atwater and Schnell, 1989

Cade and Sousa, 1985

Rodgers, 1983

### **06 - Cottonwood Floodplain**

#### **Forest**

[KS GAP]

Map if adjacent to oak forests/woodlands (2, 3, 7, 8, 9, 10).

Atwater and Schnell, 1989

Cade and Sousa, 1985

Rodgers, 1983

### Comments

Range map is from this paper. Establishment of populations in the SE and Fort Riley appears unlikely. Minimum area for release sights are >404 ha. Used mature forest (species not listed), early successional forest, and old field. Use 7-25 yr. old clearcuts.

Shrubby thickets and dense understories are important to ruffed grouse regardless of the species of shrubs (mountain laurel and farkleberry in this study; alder, willow, and prickly ash in MI and WI). Mean home range was 1492 ha (SE= 438.5) in MO. wide variety of hardwood forest types

drumming and nesting  
wintering in cedar/hardwood stands

wide variety of hardwood forest types.

Some clearcutting is beneficial.

broods

Brood cover occurs in transition zones between lowland and upland forests or forest edges and openings with a well-developed herbaceous and Some clearcutting is beneficial.

broods found in lowland hardwood with dense understories along creek and streams.

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## **07 - Mixed Oak Floodplain**

[KS GAP]

Map if > 20 ha.

Atwater and Schnell, 1989

Neher, 1993

Titus, 1976

Thompson III, 1987

Cade and Sousa, 1985

Thompson III et al., 1987

Thompson III and Fritzell, 1988

Kurzejeski and Root, 1989

Rusch et al., 2000

Rodgers, 1983

drumming and nesting  
wintering in cedar/hardwood stands

wide variety of hardwood forest types.

Some clearcutting is beneficial.

## **08 - Bur Oak Floodplain**

### **Woodland**

[KS GAP]

Map if > 20 ha.

Atwater and Schnell, 1989

Titus, 1976

Thompson III, 1987

Cade and Sousa, 1985

Rusch et al., 2000

Rodgers, 1983

broods

wide variety of hardwood forest types.

Some clearcutting is beneficial.

## **09 - Mixed Oak Ravine**

[KS GAP]

Map if > 20 ha.

Titus, 1976

Cade and Sousa, 1985

Rusch et al., 2000

Rodgers, 1983

Some clearcutting is beneficial.

## **11 - Cottonwood Floodplain**

### **Woodland**

[KS GAP]

Map if adjacent to oak forests/woodlands (2, 3, 7, 8, 9, 10).

Atwater and Schnell, 1989

Cade and Sousa, 1985

Rodgers, 1983

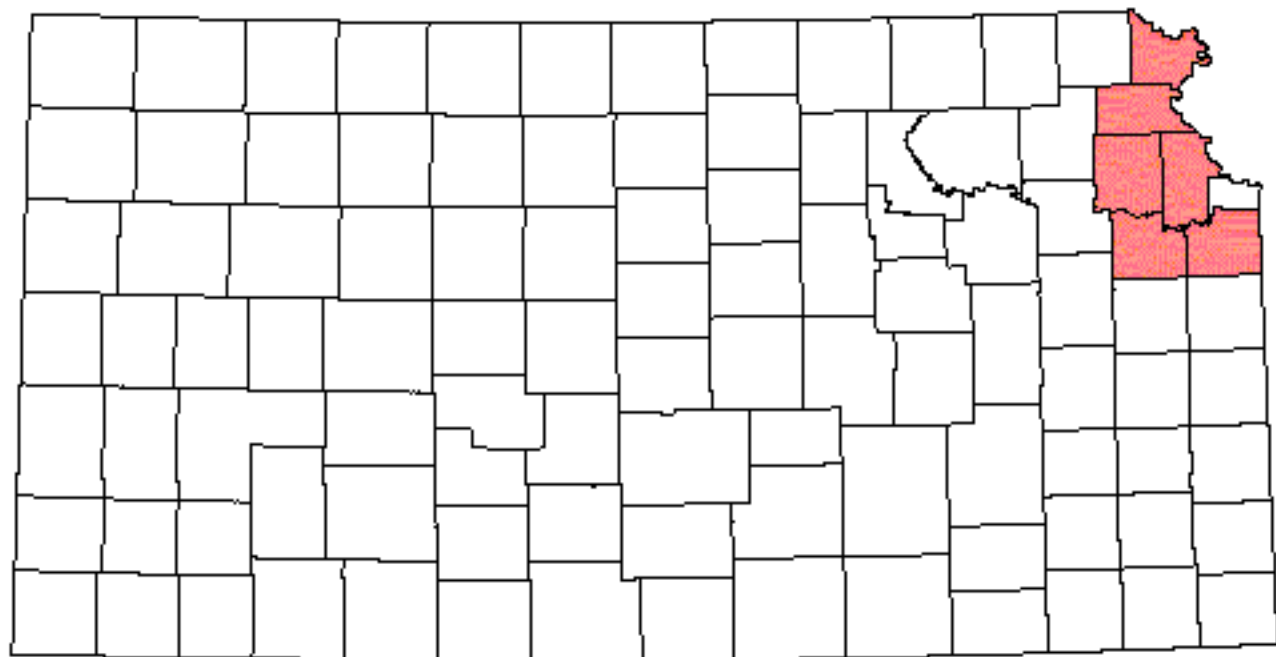
broods found in lowland hardwood with dense  
understories along creek and streams.

Brood cover occurs in transition zones between  
lowland and upland forests or forest edges and  
openings with a well-developed herbaceous and


### Reference List


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13. Titus, R. R. 1976. Habitat utilization by Ruffed Grouse in the Missouri Ozarks. Thesis, University of Missouri, Columbia, Missouri, USA.
14. White, D. and R. W. Dimmick. 1978. Survival and habitat use of northern Ruffed Grouse introduced into west Tennessee. *Proceedings of the Annual Conference of Southeastern Association of Fish and Wildlife Agencies* 32:1-7.


# Ruffed Grouse




## Kansas Breeding Bird Atlas

 Confirmed Breeding

 Probable Breeding

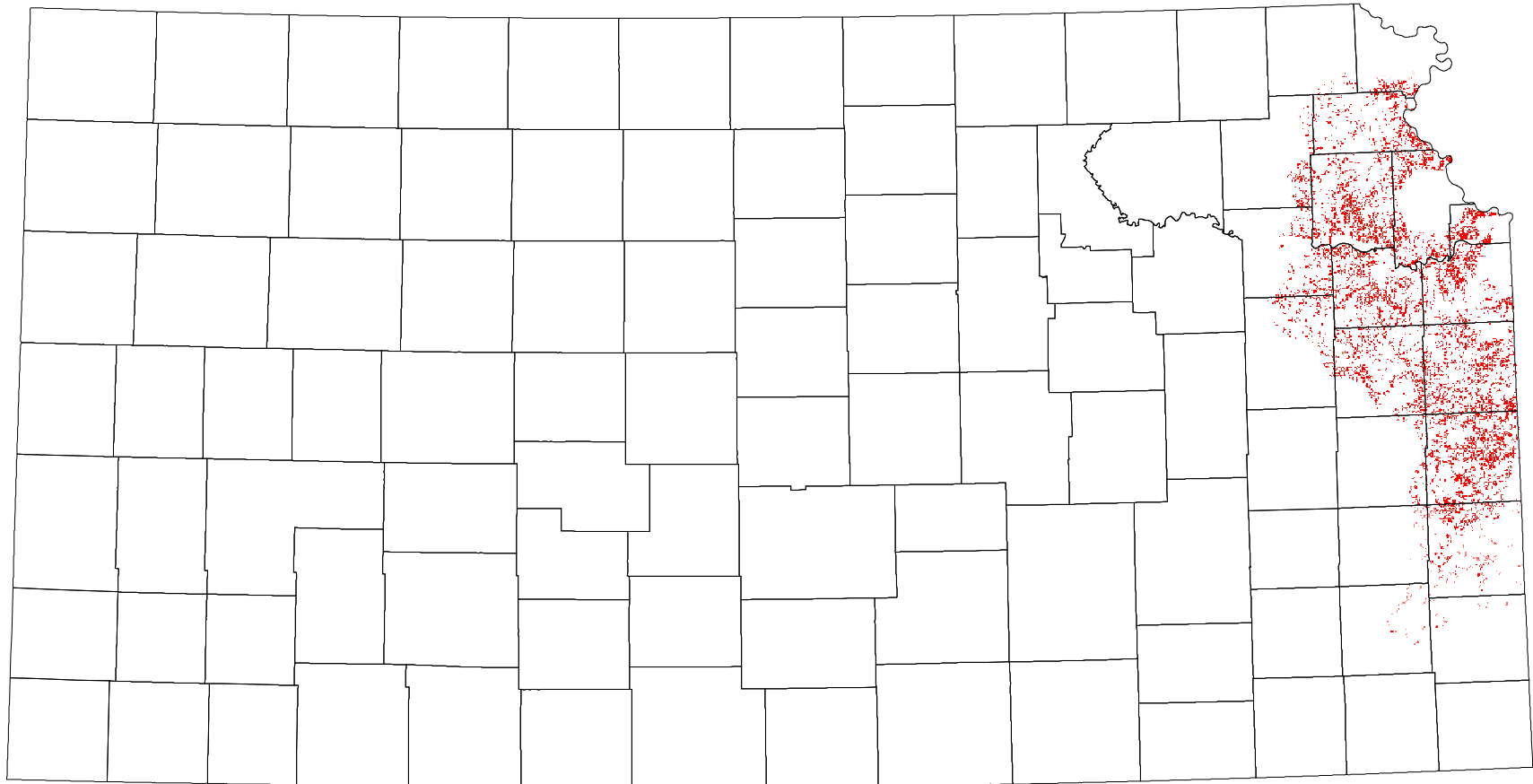
 Possible Breeding

 Breeding Bird Survey

 Birds of Kansas,  
*Horned Lark*

 Range from Rodgers, et al. 1882

# Ruffed Grouse



\* if adjacent to oak forests or woodlands  
Minimum habitat area = 20 ha