

# Habitat Model for Species: Grasshopper Sparrow

Alpha Code: GRSP Status: Breeding

[Distribution Map](#)

[Habitat Map](#)

## Landcover Category

### **0 - Comments**

Frawley and Best, 1991  
Swanson, 1996  
Helzer and Jelinski, 1999

Herkert, 1994

Kantrud, 1981  
Samson, 1980

### **12 - Sandsage Shrubland**

Stewart, 1975  
Renken and Dinsmore, 1987  
[KS GAP]  
[KS GAP]

### **17 - Tallgrass Prairie**

Elliot, 1978  
Rohrbaugh et al., 1999  
Johnson and Temple, 1984  
Stewart, 1975  
Swengel, 1996  
Klute and Robel, 1997  
Helzer and Jelinski, 1999  
Herkert, 1994  
Kahl et al., 1985

Vickery, 1996  
Zimmerman, 1993

### **18 - Sand Prairie**

Griebel et al., 1998  
Rohrbaugh et al., 1999  
Vickery, 1996

### **19 - Sandstone Prairie - not mapped**

Stewart, 1975  
Swengel, 1996  
Klute and Robel, 1997  
Helzer and Jelinski, 1999  
Herkert, 1994  
Vickery, 1996

### **20 - Western Wheatgrass**

Stewart, 1975  
Renken and Dinsmore, 1987  
Vickery, 1996

## Habitat Restrictions

## Comments

used alfalfa fields in IA.  
literature review  
reached 50% incidence at 8 ha and 12 ha in 1995 and 1996  
Area positively influences the probability of encounter. Estimated individual area requirement  
negative response to heavy grazing  
>1 ha. minimum area

Flowers comment

overgrazed grasslands accounted for 34% of all observations.

## **22 - Mixed Prairie**

Elliot, 1978

Stewart, 1975

Swengel, 1996

Klute and Robel, 1997

Helzer and Jelinski, 1999

Herkert, 1994

Renken and Dinsmore, 1987

Higgins et al., 1984

Madden et al., 1999

Vickery, 1996

newly sown

## **24 - Alkali Sacaton Prairie**

Stewart, 1975

Vickery, 1996

## **25 - Shortgrass Prairie**

Vickery, 1996

## **40 - Non-native Grassland**

Bryan and Best, 1991

Temple et al., 1999

Stewart, 1975

Herkert, 1994

Zimmerman and Tatschl, 1975

O'leary and Nyberg, 2000

Not found in 4.5 and 2.2 ha fields.

## **41 - CRP**

King, 1991

Koford, 1999

Patterson and Best, 1996

Johnson and Igl, 1995

Johnson and Schwartz, 1993

## **92 - Ozark Limestone Glade - not mapped**

Stewart, 1975

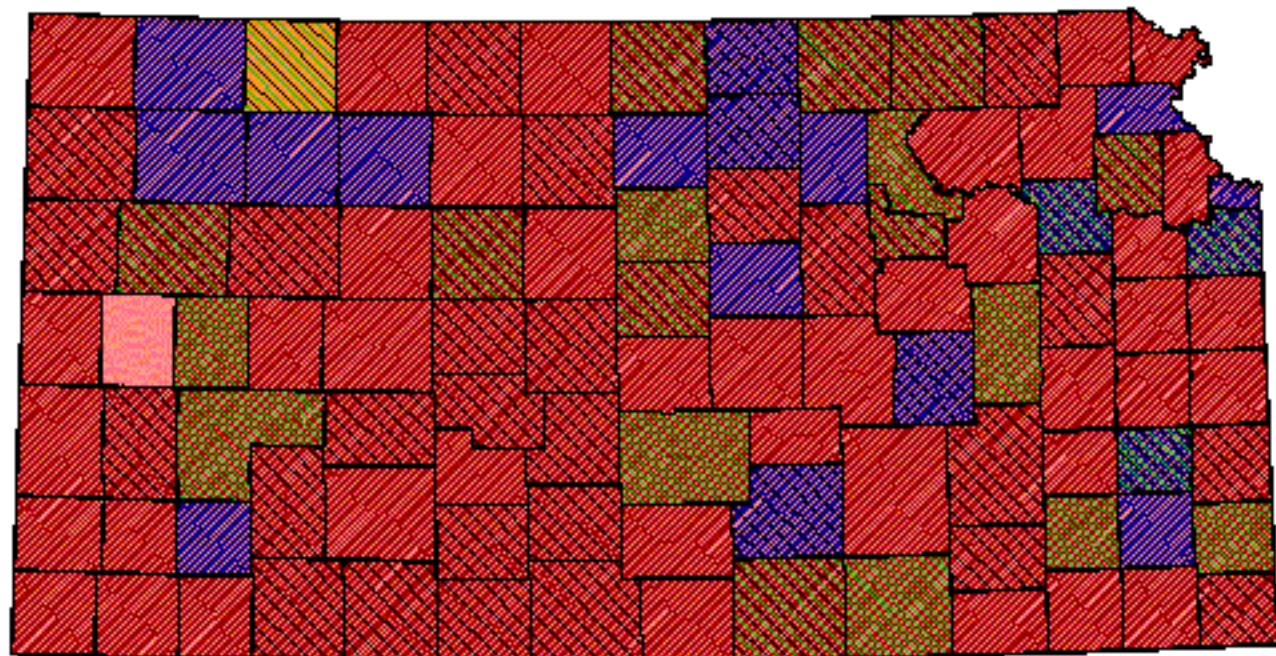
Vickery, 1996

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## Kansas Breeding Bird Atlas

Confirmed Breeding

Probable Breeding

Possible Breeding

Breeding Bird Survey

*Birds of Kansas,  
Horned Lark*

Range from Johnsgard, 1998  
*The Birds of Nebraska*

### Habitat

All shaded counties will be included in the possible distribution of the species.

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