

Habitat Model for Species: **Barn Owl**  
Alpha Code: **CBOW** Status: **Resident**

[Distribution Map](#)

[Habitat Map](#)

Landcover Category

**0 - Comments**

Marti, 1992

Johnsgard, 1988

Habitat Restrictions

Comments

Use of suitable habitat is limited by nest cavity requirements.

associated with countrysides having an abundance of open fields and hedgerows for hunting with numerous old buildings or hollow trees for breeding

**17 - Tallgrass Prairie**

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**18 - Sand Prairie**

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

Highfill, 1993

**19 - Sandstone Prairie - not mapped**

Baumgartner and Baumgartner, 1944

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**20 - Western Wheatgrass**

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**22 - Mixed Prairie**

Gubanyi et al., 1992

Baumgartner and Baumgartner, 1944

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**24 - Alkali Sacaton Prairie**

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**25 - Shortgrass Prairie**

Ault III, 1982

Marti, 1974

Marti, 1992

Karalus and Eckert, 1987

Marti, 1988

**26 - Grass Playa Lake**

Marti, 1992

Martell, 1991

Marti, 1988

**27 - Salt Marsh/Prairie**

Marti, 1992

Martell, 1991

Marti, 1988

### **28 - Spikerush Playa Lake**

Marti, 1992  
Martell, 1991  
Marti, 1988

### **29 - Playa Lake**

Marti, 1992  
Martell, 1991  
Marti, 1988

### **30 - Low or Wet Prairie**

Colvin et al., 1984  
Marti, 1992  
Martell, 1991  
Marti, 1988

### **31 - Freshwater Marsh**

Marti, 1992  
Martell, 1991  
Marti, 1988

### **32 - Bulrush Marsh**

Marti, 1992  
Martell, 1991  
Marti, 1988

### **33 - Cattail Marsh**

Marti, 1992  
Martell, 1991  
Marti, 1988

### **34 - Fen - not mapped**

Marti, 1992  
Martell, 1991

### **35 - Acid seep - not mapped**

Marti, 1992  
Martell, 1991

### **35 - Neutral seep - not mapped**

Marti, 1992  
Martell, 1991

### **37 - Winterfat - Blue Grama Prairie - not mapped**

Marti, 1992  
Marti, 1988

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

Ault III, 1982  
Marti, 1992  
Karalus and Eckert, 1987  
Marti, 1988

wheat

### **41 - CRP**

Marti, 1992  
Marti, 1988

### **44 - Cultivated Land**

Ault III, 1982  
Marti, 1992  
Karalus and Eckert, 1987  
Marti, 1988

sorghum

## **60 - Mixed Prairie-Disturbed**

### **Land**

Marti, 1992  
Karalus and Eckert, 1987  
Marti, 1988

## **70 - Weedy Marsh**

Marti, 1992  
Marti, 1988

## **71 - Weedy Upland**

Marti, 1992  
Martell, 1991  
Karalus and Eckert, 1987  
Marti, 1988

## **81 - Urban Areas**

Karalus and Eckert, 1987                      large-treed parks

## **91 - Ozark Sandstone Glade / Prairie - not mapped**

Baumgartner and Baumgartner, 1944  
Marti, 1992  
Karalus and Eckert, 1987  
Marti, 1988

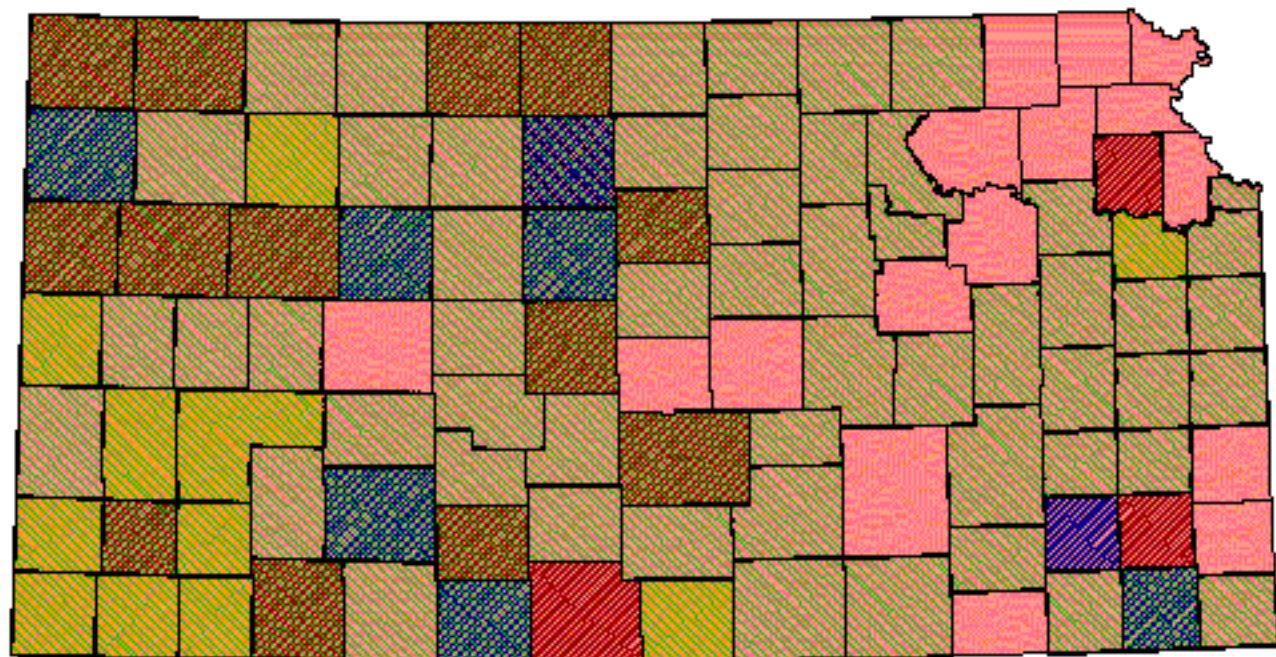
## **92 - Ozark Limestone Glade - not mapped**

Baumgartner and Baumgartner, 1944  
Marti, 1992  
Karalus and Eckert, 1987  
Marti, 1988

### Reference List

1. Ault III, J. W. 1982. A quantitative estimate of Barn Owl nesting habitat quality. Thesis, Oklahoma State University, Stillwater, Oklahoma, USA.
2. Baumgartner, A. M. and F. M. Baumgartner. 1944. Hawks and owls in Oklahoma 1939-1942: Food habits and population changes. *Wilson Bulletin* 56(4):209-215.
3. Colvin, B. A., P. L. Hegdal, and W. B. Jackson. 1984. A comprehensive approach to research and management of Common Barn-Owl populations. Pages 270-282 *in* Proceedings of the workshop on nongame species and ecological communities. University of Kentucky, Lexington, Kentucky, USA.
4. Gubanyi, J. A., R. M. Case, and G. Wingfield. 1992. Diet and nesting success of Barn Owls breeding in western Nebraska. *American Midland Naturalist* 127:224-232.
5. Highfill, K. 1993. A comparative study of two Barn Owl (*Tyto alba*) nesting sites in southern Kansas. *Kansas Ornithological Society Bulletin* 44(4):33-39.
6. Johnsgard, P. A. 1988. *North American Owls*. Smithsonian Institution Press, Washington, D.C., USA.
7. Karalus, K. E. and A. E. Eckert. 1987. *The Owls of North America*. Weathervane Books, New York, New York, USA.
8. Martell, M. S. 1991. Grassland Owls. Pages 203-210 *in* Proceedings of the Midwest Raptor Management Symposium and Workshop. National Wildlife Federation, Washington, D.C., USA.
9. Marti, C. D. 1988. The Common Barn-Owl. Pages 535-550 *in* W. J. Chandler, editor. *Audubon Wildlife Report* Academic Press, San Diego, California, USA.
10. \_\_\_\_\_. 1992. Barn Owl. A. Poole and F. Gill, editors. *The Birds of North America*. No. 1. The American Ornithologists' Union and The Academy of Natural Sciences, Philadelphia, Pennsylvania, USA.
11. Marti, C. M. 1974. Feeding ecology of four sympatric owls. *Condor* 76:45-61.

# Barn Owl



## 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.

# Barn Owl

