

Habitat Model for Species: **American Bittern**

Alpha Code: **AMBI** Status: **Breeding**

[Distribution Map](#)

[Habitat Map](#)

Landcover Category

0 - Comments

[KS GAP]

Habitat Restrictions

30 m edge of 14 adjacent to seasonal, semipermanent, or permanent wetlands.

Comments

Selected grasslands within 500 m of seasonal or semipermanent wetlands.

08 - Bur Oak Floodplain

Woodland

Vesall, 1940

14 - Willow Shrubland

Hanowski and Niemi, 1985

[KS GAP]

Map only portion adjacent (1 pixel) to seasonal, semipermanent, or permanent wetlands (Landcovers 31,32,33,38,70,82)

15 - Buttonbush (Swamp)

Shrubland

Graber et al., 1978

Hanowski and Niemi, 1985

Gibbs and Melvin, 1992

Sutton, 1967

[AMBIHD1]

Bent, 1963

20 - Western Wheatgrass

Kantrud and Higgins, 1992 Within 500 m of seasonal and semipermanent basins

Nest in upland cover surrounding wetland basins.

30 - Low or Wet Prairie

Vesall, 1940

Graber et al., 1978

Hanowski and Niemi, 1985

Gibbs and Melvin, 1992

Provost, 1947

Duebber and Lokemoen, 1977

[AMBIHD1]

31 - Freshwater Marsh

Reid, 1989

Graber et al., 1978

Hancock and Elliott, 1978

Hanowski and Niemi, 1985

Gibbs and Melvin, 1992

[AMBIH2]

Sutton, 1967

Provost, 1947

Duebber and Lokemoen, 1977

Perkins and Lawrence, 1985

Manci and Rusch, 1988

Hancock and Kushlan, 1984

[AMBIHD1]

Bent, 1963

32 - Bulrush Marsh

Reid, 1989
Graber et al., 1978
Hancock and Elliott, 1978
Hanowski and Niemi, 1985
Gibbs and Melvin, 1992
[AMBIH2]
Sutton, 1967
Provost, 1947
Duebber and Lokemoen, 1977
Manci and Rusch, 1988
Hancock and Kushlan, 1984
[AMBIHD1]
Bent, 1963

33 - Cattail Marsh

Reid, 1989
Graber et al., 1978
Hancock and Elliott, 1978
Hanowski and Niemi, 1985
Gibbs and Melvin, 1992
[AMBIH2]
Sutton, 1967
Provost, 1947
Duebber and Lokemoen, 1977
Perkins and Lawrence, 1985
Manci and Rusch, 1988
Hancock and Kushlan, 1984
[AMBIHD1]
Bent, 1963

34 - Fen - not mapped

Graber et al., 1978
Hancock and Elliott, 1978
Gibbs and Melvin, 1992
Provost, 1947
Manci and Rusch, 1988
Hancock and Kushlan, 1984
[AMBIHD1]

35 - Acid seep - not mapped

Reid, 1989
Graber et al., 1978
Hancock and Elliott, 1978
Hanowski and Niemi, 1985
Gibbs and Melvin, 1992
Provost, 1947
Duebber and Lokemoen, 1977
Perkins and Lawrence, 1985
Manci and Rusch, 1988
Hancock and Kushlan, 1984
[AMBIHD1]

35 - Neutral seep - not mapped

Graber et al., 1978
Hancock and Elliott, 1978
Hanowski and Niemi, 1985
Gibbs and Melvin, 1992
Provost, 1947
Duebber and Lokemoen, 1977
Perkins and Lawrence, 1985
Manci and Rusch, 1988
Hancock and Kushlan, 1984
[AMBIHD1]

39 - Pondweed Aquatic

Wetland - not mapped

Gibbs and Melvin, 1992
Duebbert and Lokemoen, 1977
Perkins and Lawrence, 1985
Manci and Rusch, 1988
Hancock and Kushlan, 1984
Bent, 1963
[KS GAP]

Map the edge only (1 pixel).

Shallow water.

40 - Non-native Grassland

Kantrud and Higgins, 1992 Within 500 m of seasonal and semipermanent basins

Nest in upland cover surrounding wetland basins.

41 - CRP

Kantrud and Higgins, 1992 Within 500 m of seasonal and semipermanent basins

Nest in upland cover surrounding wetland basins.

60 - Mixed Prairie-Disturbed Land

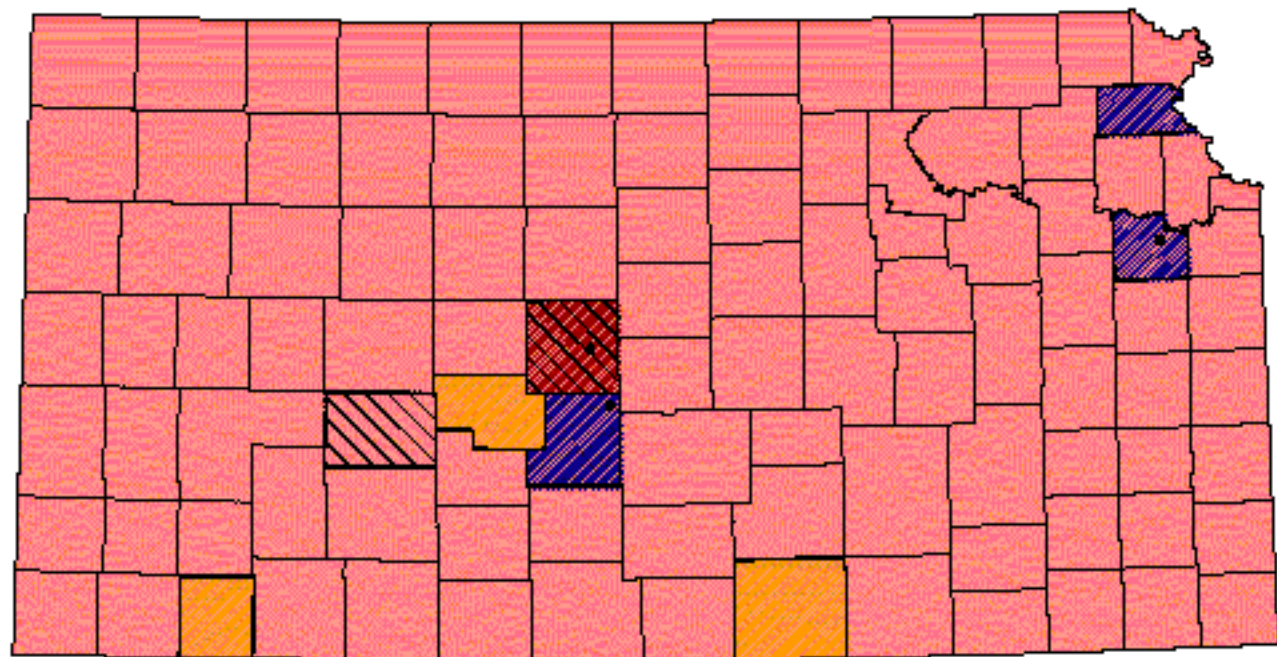
Kantrud and Higgins, 1992 Within 500 m of seasonal and semipermanent basins

Nest in upland cover surrounding wetland basins.

Reference List


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2. Duebbert, H. F. and J. T. Lokemoen. 1977. Upland nesting of American Bitterns, Marsh Hawks, and Short-Eared Owls. *Prairie Naturalist* 9(3/4):33-40.
3. Gibbs, J. P. and S. M. Melvin. 1992. American Bittern. Pages 51-69 in K. J. Schneider and D.M. Pence, editors. *Migratory nongame birds of management concern in the Northeast*. U.S. Fish and Wildlife Service Region 5, Newton Corner, Massachusetts, USA.
4. Graber, J. W., R. R. Graber, and E. L. Kirk. 1978. Illinois Birds: Ciconiiformes. Illinois Natural History Survey No. 109.
5. Hancock, J. and H. Elliott. 1978. *The Herons of the World*. Harper and Row, New York, New York, USA.
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7. Hanowski, J. M. and G. J. Niemi. 1985. Habitat characteristics for bird species of special concern and their importance in habitat reclamation. Minnesota Department of Natural Resources, St. Paul, Minnesota, USA.
8. Kantrud, H. A. and K. F. Higgins. 1992. Nest and nest site characteristics of some ground-nesting, non-passerine birds of northern grasslands. *Prairie Naturalist* 24(2):67-84.
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10. Perkins, G. A. and J. S. Lawrence. 1985. Bird use of wetlands created by surface mining. *Transactions of the Illinois State Academy of Science* 78(1&2):87-94.
11. Provost, M. W. 1947. Nesting of birds in the marshes of northwest Iowa. *American Midland Naturalist* 38(1):485-503.
12. Reid, F. A. 1989. Differential habitat use by waterbirds in a managed wetland complex. Dissertation, University of Missouri, Columbia, Missouri, USA.
13. Sutton, G. M. 1967. *Oklahoma Birds: Their ecology and distribution, with comments on the avifauna of the southern Great Plains*. University of Oklahoma Press, Norman, Oklahoma, USA.
14. Vesall, D. B. 1940. Notes on Nesting Habitats of the American Bittern. *Wilson Bulletin* 52(3):207-208.

American Bittern




Kansas Breeding Bird Atlas

 Confirmed Breeding

 Probable Breeding

 Possible Breeding

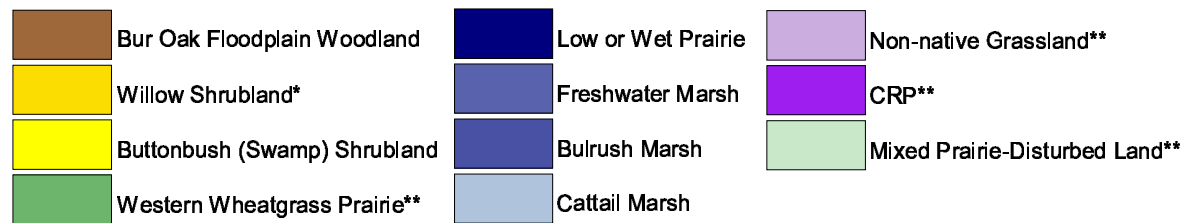
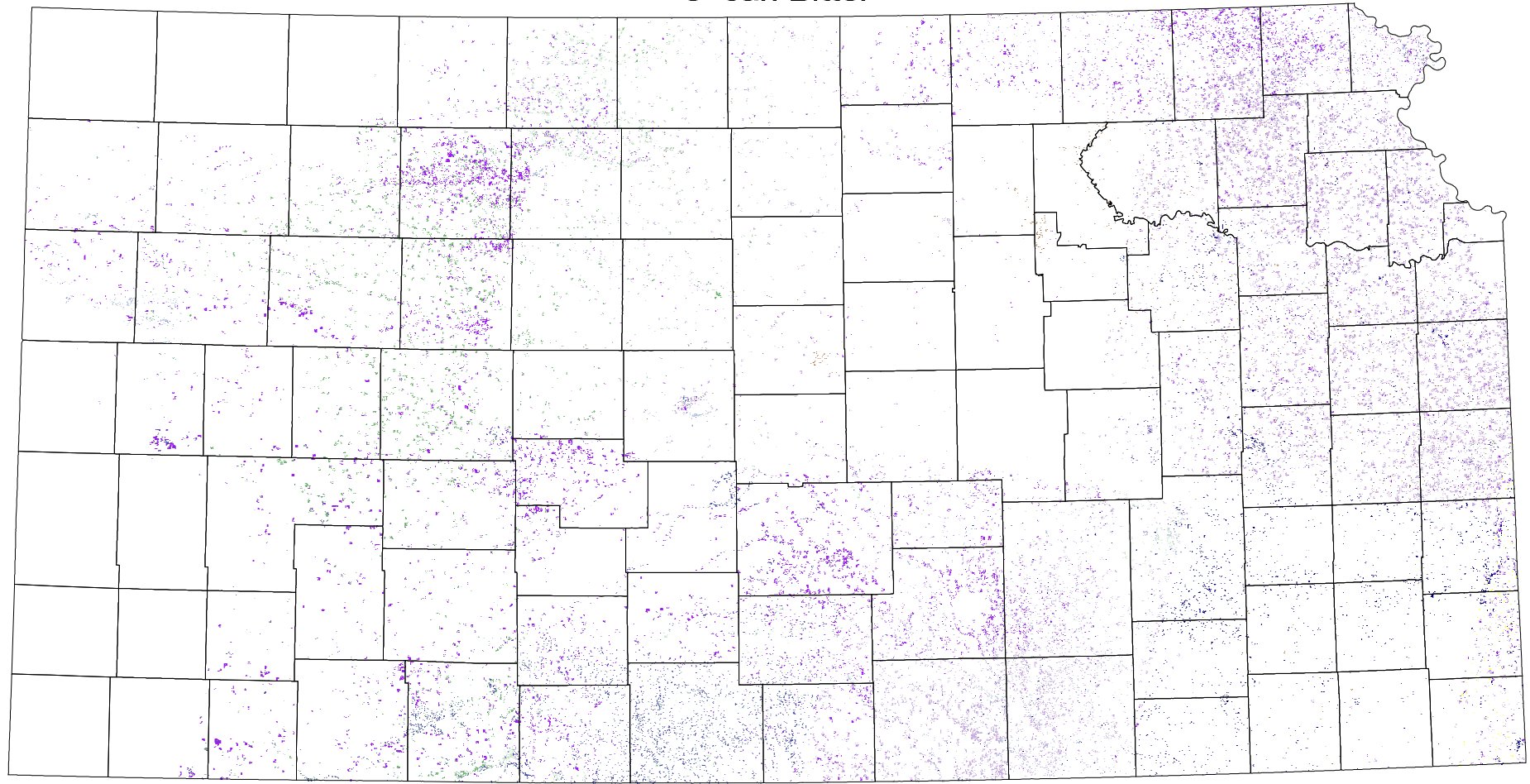
 Breeding Bird Survey

 Birds of Kansas,
Horned Lark

 Range from Johnsgard, 1882
The Birds of Nebraska

 Kansas Biological Survey Data

American Bittern



* 30 m edge next to mapped seasonal, semipermanent, or permanent wetlands
 ** within 500 m of seasonal and semipermanent basins