

Habitat Model for Species: Least Bittern

Alpha Code: **LEBI** Status: **Breeding**

[Distribution Map](#)

[Habitat Map](#)

Landcover Category

0 - Comments

[KS GAP]

30 m edge of selected wet prairies (27,30), selected forests and woodlands (4,5,6,7,8,11), and willow shrubland (14) adjacent to seasonal, semipermanent, or permanent wetlands (31,32,33,38,70,82); 30 m edge of forb playa lake (38).

Habitat Restrictions

Comments

04 - Pecan Floodplain Forest

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

[LEBIH2]

[LEBIHD1]

Gibbs and Melvin, 1992

05 - Ash-Elm-Hackberry

Floodplain Forest

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

[LEBIHD1]

06 - Cottonwood Floodplain

Forest

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

Provost, 1947

[LEBIHD1]

Gibbs and Melvin, 1992

07 - Mixed Oak Floodplain

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

[LEBIH2]

Provost, 1947

[LEBIHD1]

Gibbs and Melvin, 1992

08 - Bur Oak Floodplain

Woodland

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

Hancock and Elliott, 1978

Provost, 1947

[LEBIHD1]

11 - Cottonwood Floodplain

Woodland

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

Hancock and Elliott, 1978

[LEBIH2]

Provost, 1947

[LEBIHD1]

Gibbs and Melvin, 1992

14 - Willow Shrubland

[KS GAP]

30 m edge adjacent to seasonal or more permanent wetlands

Frederick et al., 1990

Hancock and Elliott, 1978

Ziebell, 1990

Sutton, 1967

Provost, 1947

[LEBIHD1]

Gibbs and Melvin, 1992

15 - Buttonbush (Swamp)

Shrubland

Frederick et al., 1990
Hancock and Elliott, 1978
[LEBIH2]
Ziebell, 1990
Sutton, 1967
Provost, 1947
Bent, 1963
[LEBIHD1]
Gibbs and Melvin, 1992

26 - Grass Playa Lake

[*****] Habitat not present within model parameters.

Frederick et al., 1990
Ziebell, 1990
[LEBIHD1]
Gibbs and Melvin, 1992

27 - Salt Marsh/Prairie

[KS GAP] 30 m edge adjacent to seasonal or more permanent wetlands

Ziebell, 1990
Sutton, 1967
Provost, 1947
[LEBIHD1]
Gibbs and Melvin, 1992

28 - Spikerush Playa Lake

Reid, 1989
Frederick et al., 1990
Hands et al., 1989
[LEBIH2]
Ziebell, 1990
[LEBIH3]
Gibbs and Melvin, 1992

29 - Playa Lake

Reid, 1989
Hands et al., 1989
[LEBIH2]
Ziebell, 1990
[LEBIH3]
[LEBIHD1]
Gibbs and Melvin, 1992

30 - Low or Wet Prairie

[KS GAP] 30 m edge adjacent to seasonal or more permanent wetlands

[KS GAP] adjacent to seasonal or more permanent wetlands

Frederick et al., 1990
[LEBIH2]
Ziebell, 1990
Sutton, 1967
Provost, 1947
Austin, 1973
[LEBIHD1]
Gibbs and Melvin, 1992

31 - Freshwater Marsh

Graber et al., 1978
Tyler, 1984
Leister, 1994
Reid, 1989
Bowman and Bancroft, 1989
Frederick et al., 1990
Hands et al., 1989
Hancock and Elliott, 1978
Pittaway and Burke, 1996
[LEBIH2]
Ziebell, 1990
Nero, 1950
[LEBIH3]
Weller, 1961
Sutton, 1967
Provost, 1947
Post and Seals, 1993
Austin, 1973
Manci and Rusch, 1988
Bent, 1963
[LEBIHD1]
Gibbs and Melvin, 1992

32 - Bulrush Marsh

Graber et al., 1978
Tyler, 1984
Reid, 1989
Frederick et al., 1990
Hancock and Elliott, 1978
Ziebell, 1990
Nero, 1950
Weller, 1961
Sutton, 1967
Provost, 1947
Post and Seals, 1993
Manci and Rusch, 1988
Bent, 1963
Gibbs and Melvin, 1992

33 - Cattail Marsh

Graber et al., 1978
Tyler, 1984
Frederick et al., 1990
Hands et al., 1989
Hancock and Elliott, 1978
Pittaway and Burke, 1996
Ziebell, 1990
Nero, 1950
[LEBIH3]
Weller, 1961
Sutton, 1967
Provost, 1947
Post and Seals, 1993
Manci and Rusch, 1988
Bent, 1963
[LEBIHD1]
Gibbs and Melvin, 1992

38 - Forb Playa Lake

[****] Habitat not present within model parameters.
[KS GAP] 30 m edge.
Reid, 1989
Frederick et al., 1990
[LEBIH2]
Ziebell, 1990
[LEBIH3]
Bent, 1963
[LEBIHD1]
Gibbs and Melvin, 1992

39 - Pondweed Aquatic Wetland - not mapped

Graber et al., 1978
Tyler, 1984
Frederick et al., 1990
Hands et al., 1989
Hancock and Elliott, 1978
[LEBIH2]
Ziebell, 1990
Nero, 1950
Sutton, 1967
Provost, 1947
Post and Seals, 1993
Manci and Rusch, 1988
Bent, 1963
[LEBIHD1]
Gibbs and Melvin, 1992

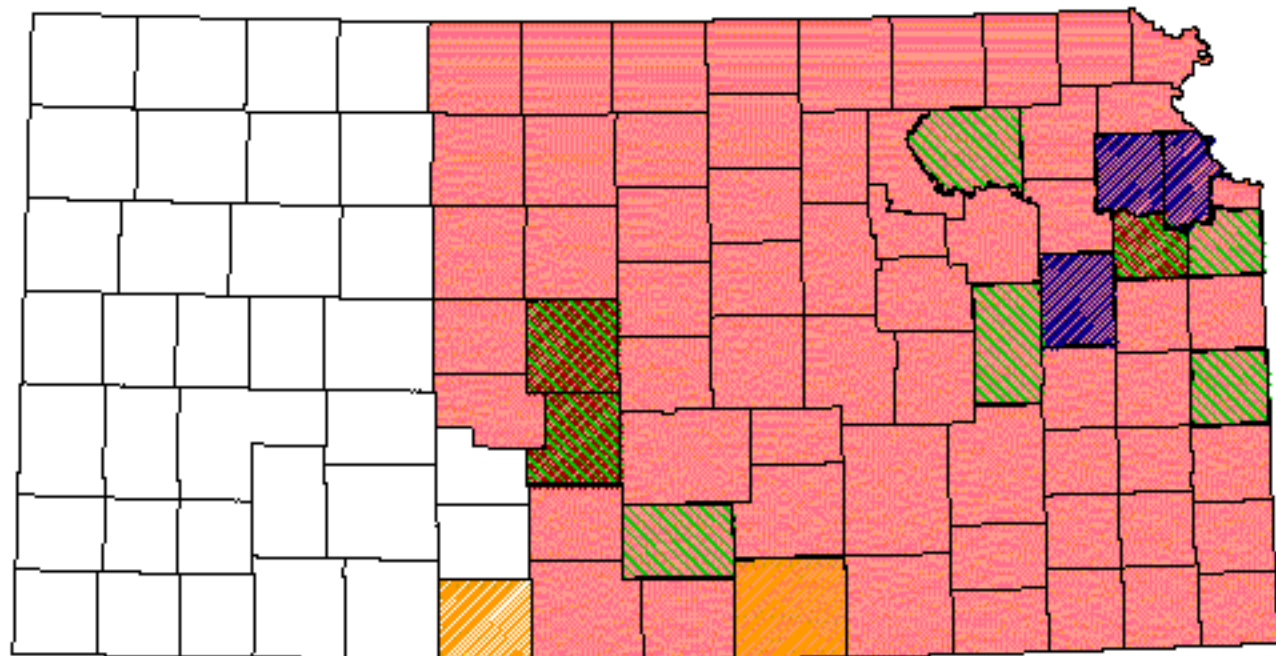
70 - Weedy Marsh

Weller, 1961

Reference List


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10. Manci, K. M. and D. H. Rusch. 1988. Indices to distribution and abundance of some inconspicuous waterbirds on Horicon Marsh. *Journal of Field Ornithology* 59(1):67-75.
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Least Bittern




Kansas Breeding Bird Atlas


 Confirmed Breeding

 Probable Breeding

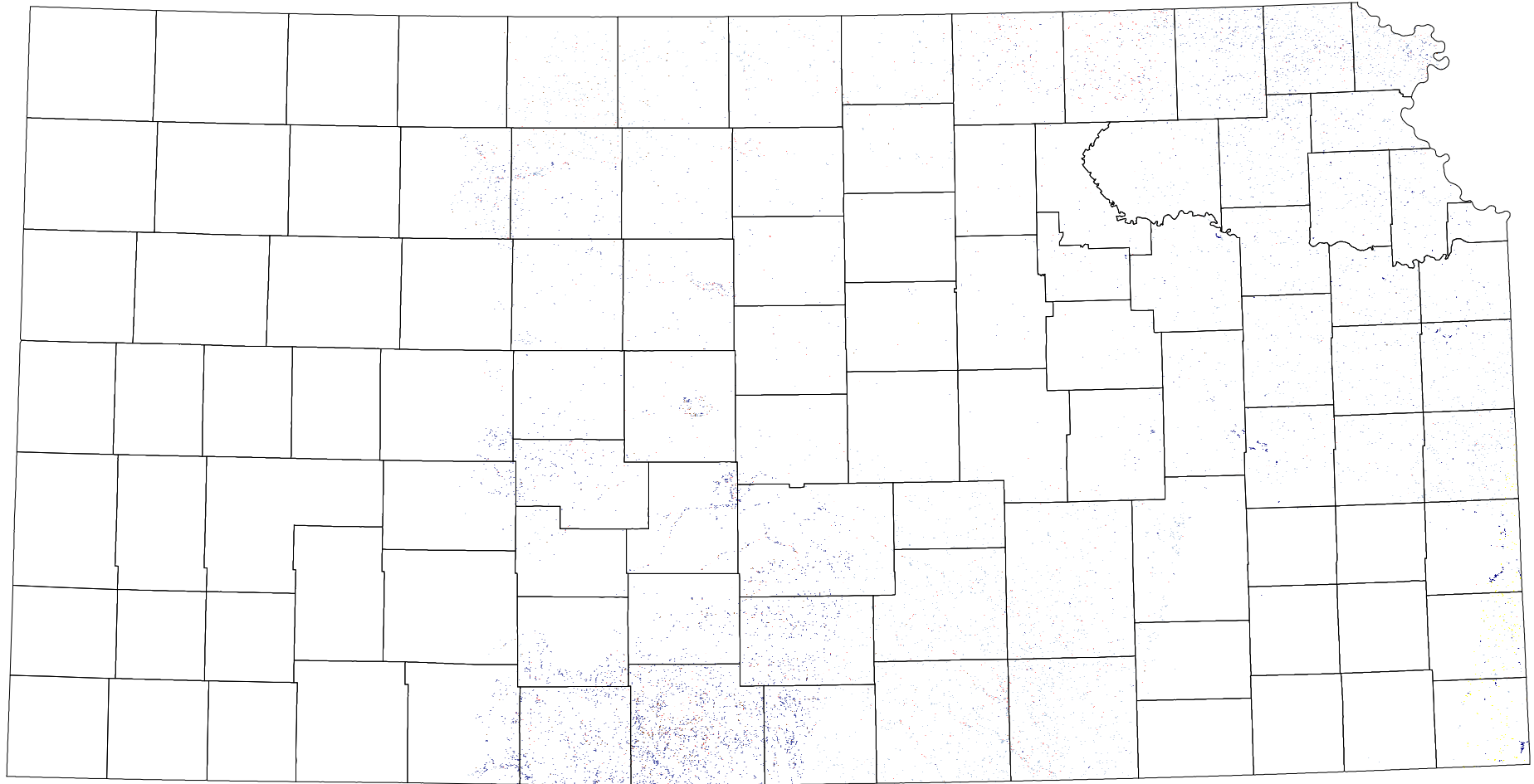
 Possible Breeding

 Breeding Bird Survey

 Birds of Kansas,
Horned Lark

 Range from Johnson, 1882
The Birds of Nebraska

Least Bittern



* 30 m edge next to seasonal, semipermanent, or permanent wetlands

** adjacent to seasonal, semipermanent, or permanent wetlands