

Habitat Model for Species: **Plains Harvest Mouse**
Reithrodontomys montanus

[Distribution Map](#) [Habitat Map](#)

Landcover Category

0 - Comments

Keyse, 1967
[#Reviewer]

Habitat Restrictions

Comments

MARGINAL habitat (0.2% of captures)
Kaufman : Delete landcover 05.

12 - Sandsage Shrubland

Fleharty and Navo, 1983
Moulton et al., 1981
Hill and Hibbard, 1943

MARGINAL habitat
MARGINAL habitat
MARGINAL habitat

17 - Tallgrass Prairie

Keyse, 1967
Brecheisen and Legler, 1957
Finck et al., 1986

MARGINAL habitat (4% of captures)

MARGINAL habitat (9 mice/27,000 trapnights); inhabits dry upland prairie dominated by short grasses or rocky areas with sparse herbaceous cover, only captured in ungrazed prairie

Payne and Caire, 1999

grassy habitats considered SUBOPTIMAL, grassy streamsidess MARGINAL habitat

18 - Sand Prairie

Wilkins, 1986

Mammalian Species account for *R. montanus*

22 - Mixed Prairie

Andersen and Fleharty, 1967
Brown, 1946
Kaufman et al., 1990
Kaufman and Fleharty, 1974
Kaufman and Kaufman, 1989
Kaufman and Kaufman, 1990

SUBOPTIMAL habitat
SUBOPTIMAL habitat

Kaufman et al., 2000
Schnell et al., 1980
Wilkins, 1986
Whitmer, 1966
Mellott, 1984
Bogan, 1966

5 mice captured in limestone breaks prairie;
MARGINAL habitat
MARGINAL habitat

Mammalian Species account for *R. montanus*

MARGINAL habitat (1 mouse)
ungrazed prairie SUBOPTIMAL, grazed prairie
MARGINAL habitat

25 - Shortgrass Prairie

Keyse, 1967
Brown, 1946
Choate and Fleharty, 1975
Hill and Hibbard, 1943

Kaufman and Fleharty, 1974
Wu et al., 1996
Wilkins, 1986
Fleharty and Channell, 1997

19 of 29 mice captured at prickly pear clusters, remaining 10 at edges of sunflower-tallgrass areas
SUBOPTIMAL habitat
MARGINAL habitat
Mammalian Species account for *R. montanus*
MARGINAL habitat (0.2 mice/1000 trapnights)

36 - Cottonwood Savanna - not mapped

Moulton et al., 1981

MARGINAL habitat

37 - Winterfat - Blue Grama Prairie - not mapped

Wu et al., 1996

MARGINAL habitat - 1 capture

40 - Non-native Grassland

Choate, 1967
Haner et al., 1996

Welker, 1994b

moderately grazed *Bromus* a SUBOPTIMAL habitat
habitat was triangles within I-70 interchange, maintained by mowing and periodic spraying
MARGINAL habitat (0.3 mice/100 trapnights)

41 - CRP

Welker, 1994a

MARGINAL habitat - 1 capture

44 - Cultivated Land

Kaufman et al., 1990
Kaufman and Kaufman, 1990

Navo and Fleharty, 1983
Kaufman et al., 2000

Welker, 1994b

wheat stubble is MARGINAL habitat
1 mouse in wheat, 4 in fallow fields; MARGINAL habitat
MARGINAL habitat
field of wheat and fallow wheat both MARGINAL habitats
MARGINAL habitat (0.1 mice/100 trapnights) in sorghum

60 - Mixed Prairie-Disturbed Land

Fleharty and Navo, 1983
Kaufman and Fleharty, 1974
Fleharty and Channell, 1997

MARGINAL habitat (0.2 mice/1000 trapnights)

71 - Weedy Upland

Kaufman et al., 1990

Schnell et al., 1980

Whitmer, 1966

5-year-oldfield with weedy annual forbs and grasses with dense, herbaceous cover is SUBOPTIMAL habitat

heavily grazed, weedy grassland a MARGINAL habitat

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