

Habitat Model for Species: **Southern Flying Squirrel**

Glaucomys volans

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

Landcover Category

0 - Comments

[#Reviewer]

Habitat Restrictions

Comments

Busby : Add Bourbon, Crawford, Jefferson, Labette, Linn, Neosho, Riley, Shawnee
Finck : Add Neosho Co.

01 - Maple-Basswood Forest

Dolan and Carter, 1977

Rosenblatt et al., 1999

Bendel and Gates, 1987
Loeb, 1993
Gilmore and Gates, 1985
Fridell and Litvaitis, 1991

association chosen from general habitat description as eastern deciduous forest in Mammalian Species account

flying squirrel recorded only in riparian forest; woodlots were NOT appropriate habitat

02 - Oak-Hickory Forest

Dolan and Carter, 1977

Choate, 1967
Risch and Brady, 1996

Stone et al., 1997
Stone et al., 1996

Linsdale, 1928
Kirkland et al., 1985
Rosenblatt et al., 1999

Loeb, 1993
Fridell and Litvaitis, 1991
Taulman, 1999

association chosen from general habitat description as eastern deciduous forest in Mammalian Species account

more individuals captured in trees at 4.5 m and higher off the ground (max. tested was 8.5 m) than at 2 m off ground

used pines and hardwoods equally for nesting sites; feeding stations were more often associated with hardwoods--likely related to hard mast constituting a major part of diet

flying squirrel recorded only in riparian forest; woodlots were NOT appropriate habitat

selected mature pine-hardwood forest for nesting more often than expected; generally, squirrels did not nest in harvested areas; non-cavity nests more common in pines than hardwoods, and cavity nests more commonly in hardwoods or snags

09 - Mixed Oak Ravine Woodland

Linsdale, 1928

11 - Cottonwood Floodplain Woodland

Kunz et al., 1980

not seen before early 1960s by resident of 70 years; first record beyond eastern deciduous forest in grove of cottonwood

91 - Ozark Sandstone Glade / Prairie - not mapped

Stone et al., 1996

used pines and hardwoods equally for nesting sites; feeding stations were more often associated with hardwoods--likely related to hard mast constituting a major part of diet

Loeb, 1993

Taulman, 1999

80% of overstory was *Pinus echinata*; squirrels selected mature pine-hardwood forest for nesting more often than expected; non-cavity nests more common in pines than hardwoods, and cavity nests more commonly in hardwoods or snags

Taulman et al., 1998

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