

BREEDING BIRD CENSUS RESULTS, 1994
 CROOKED SLOUGH WOODS
 UPPER MISSISSIPPI RIVER NATIONAL FISH AND WILDLIFE REFUGE
 ROLLINGSTONE TOWNSHIP, MINNESOTA
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1994 CENSUS		1993
Red-eyed Vireo, 9.0		13.0
American Redstart, 9.0		6.5
Northern Oriole, 9.0	9.5	
American Robin, 8.5		12.0
Blue-gray Gnatcatcher, 8.0		4.0
Brown-headed Cowbird, 8.0	8.0	
Great-crested Flycatcher, 7.0		6.5
House Wren, 6.0+		7.5
Song Sparrow, 6.0		6.0
Northern Cardinal, 4.5		4.0
Eastern Peewee, 4.0		5.0
Rose-breasted Grosbeak, 4.0		4.0
Yellow-bellied Sapsucker, 3.0		3.0
Downy Woodpecker, 3.0		2.0
Blue Jay, 3.0		3.5
Brown Creeper, 3.0		2.0
Gray Catbird, 3.0		4.0
White-breasted Nuthatch, 2.0+		2.0
Wood Duck, 2.0		2.0
Red-bellied Woodpecker, 2.0		2.0
Black-capped Chickadee, 2.0		2.0
Common Yellowthroat, 1.5		5.5
Cerulean Warbler, 1.0+		0.0
Barred Owl, 1.0	1.0	
Mourning Dove, 1.0		0.0
Ruby-throated Hummingbird, 1.0	0.0	
Pileated Woodpecker, 1.0		1.0
Hairy Woodpecker, 1.0		2.0
Cedar Waxwing, 1.0		0.0
Warbling Vireo, 1.0		1.0
Yellow-billed Cuckoo, 0.0	1.0	
Yellow-throated Vireo, 0.0		1.0
Indigo Bunting, 0.0		1.0

1994 VISITORS:

Great Horned Owl
Northern Flicker
American Crow
Brown Thrasher
Yellow-throated Vireo
Nashville Warbler (5-27)
Magnolia Warbler (5-27)
Redwing Blackbird
Common Grackle
Indigo Bunting
American Goldfinch

DESCRIPTION OF PLOT: A square plot (350 x 350 m) of bottomland hardwoods forest with closed canopy of mature common cottonwood and silver maple covering 90 percent of the plot. Understory includes box elder, black willow, green ash, American hackberry. Stinging nettles primary ground cover. Mean canopy height, 27.1 m, range 19.1 m - 36.3 m. Plot is essentially level. Elevation 660.

WEATHER:

MEAN TEMPS: May 15.7, June 21.89, July 21.3

NORMAL MEAN TEMPS: May 15.2, June 19.1, July 23.0

PRECIPITATION: May 37.25 mm, June 68.5 mm, July 157.2 mm

NORMAL PRECIP: May 82.5 mm, June 97.5 mm, July 95.0 mm

MISSISSIPPI RIVER LEVELS: In order of days of visits: 19500.3 cm, 19501.8 cm, 19503.6 cm, 19506.6 cm, 19503.3 cm, 19503.9 cm, 19503.1 cm, 19502.1 cm

NORMAL MEAN RIVER LEVELS: 19500.3 cm above sea level for May, June, July.

Temperatures and precipitation came from U.S. Weather Station, Lacrosse, Wisconsin. River levels came from Army Corps of Engineers, Mississippi River, Dam 5A, Fountain City, Wisconsin.

REMARKS: 3-4 Cerulean Warblers nested 150 m n. of the plot. Common yellowthroats dropped to 1.5 from 5.5 in 1993. One yellowthroat on w. border of the plot in 1993 was also absent in 1994. Perhaps yellowthroats used the plot more in 1993 because a cattail/willow marsh < 500 m n. of the plot and local marshes in general underwent much greater flooding in 1993.

ACKNOWLEDGEMENTS: Thanks to Bob Drieslein and Winona office of Upper Mississippi River National Fish and Wildlife Refuge for access and information.