

BREEDING BIRD CENSUS RESULTS, 2000
CROOKED SLOUGH WOODS
MATURE BOTTOMLANDS HARDWOOD FOREST
UPPER MISSISSIPPI RIVER NATIONAL WILDLIFE & FISH REFUGE
ROLLINGSTONE, MINNESOTA

Compiler:
Richie Swanson
Box 1054
Winona MN 55987

Latitude: 44, 05', 48" N
Longitude: 91, 44', 15"W
USGS Quad: Winona-West MN-WIS 44091-16-TF-024

Plot Size: 12.2 ha.
First year published: 1993
Most recently published: 1997
Years censused: 5

2000 CENSUS OF CROOKED SLOUGH WOODS

1. Northern Oriole	13.0
2. American Robin	11.0
3. American Redstart	10.0
4. Song Sparrow	10.0
5. Great-crested Flycatcher	8.0
6. House Wren	7.0
7. Brown-headed Cowbird	7.0
8. Eastern Wood Peewee	6.0
9. Rose-breasted Grosbeak	6.0
10. Red-bellied Woodpecker	5.0
11. Gray Catbird	5.0
12. Northern Cardinal	5.0
13. Warbling Vireo	4.0
14. Black-capped Chickadee	3.5
15. Brown Creeper	3.5
16. Downy Woodpecker	3.0
17. Blue Jay	3.0
18. White-breasted Nuthatch	3.0
19. Blue-gray Gnatcatcher	3.0
20. Yellow-Throated Vireo	3.0
21. Indigo Bunting	3.0
22. Mourning Dove	2.5
23. Common Yellowthroat	2.5
24. Wood Duck	2.0
25. Yellow-bellied Sapsucker	2.0
26. Hairy Woodpecker	2.0
27. Red-eyed Vireo	2.0
28. Scarlet Tanager	2.0
29. Yellow-billed Cuckoo	1.0
30. Black-billed Cuckoo	1.0
31. Great Horned Owl	1.0
32. Ruby-throated Hummingbird	1.0
33. Northern Flicker	1.0
34. Pileated Woodpecker	1.0
35. Yellow Warbler	1.0

VISITORS:

American Goldfinch
Barred Owl
Cedar Waxwing
Common Crow
Common Grackle
Redwing Blackbird
Wild Turkey

DESCRIPTION OF PLOT: A square plot (350 m x 350 m) of bottomland forest with closed canopy of mature common cottonwood and silver maple covering 80-90 percent of the plot. Under story 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: 215 m.

VISITS	DATE	START	END	HOURS	START TEMP.	WIND SCALE
1	5-29	5:15am	10:00	4.75	09	0
2	6-3	5:00am	9:30	4.50	08	2
3	6-6	5:00am	10:30	5.50	05	2
4	6-8	5:00am	10:15	5.25	16	2
5	6-15	5:15am	10:15	5.00	14	4
6	6-23	5:00am	8:30	3.50	15	0
7	6-27	5:00am	9:30	4.50	11	4
8	6-29	5:00am	8:30	3.50	11	0

Visits = 8 Maximum observers/trip = 1
 Total Census Hours = 36.5 Sunrise visits = 8
 Sunset visits = 0 Mean temp. for census days = 11.1
 Minimum temp. = 5 Maximum temp. = 16

WEATHER:

MEAN TEMPS: May 16.5; June 19.8
 NORMAL MEAN TEMPS: May 15.2; June 20.2
 PRECIPITATION: May 14.7 cm; June 19.1 cm
 NORMAL PRECIP: May 8.2 cm; June 9.9 cm

Temperatures and precipitation came from U.S. Weather Station, LaCrosse, Wisconsin.

REMARKS: Red-eyed Vireos have declined from 13 in 1993 to 2 in 2000. None were detected this year after June 8. Song Sparrows increased to 10 from previous average of 5.5/yr. Indigo buntings increased to 3 from previous average of 0.5/yr. Hole-nesting species have increased from 24.5 territories in 1993 to 31 in 2000. Both the Red-bellied Woodpecker and Great-crested Flycatcher were found in highest numbers of the plot history. Historic Cerulean Warbler population 150 m north of the plot was not censused. No Cerulean Warblers were heard casually. Wild Turkeys were consistently found while I re-flagged the plot early April.

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