

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

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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.

ACKNOWLEDGEMENTS: Thanks to Upper Mississippi River National Wildlife & Fish Refuge for access.

TWO-YEAR HISTORY, BREEDING BIRD CENSUS

EAGLE BLUFF WOODS, PERROT PARK
(MATURE DECIDUOUS UPLAND FORST)

	1999	1996	Avg.
1. American Robin	8.0	7.0	7.5
2. Blue Jay	7.5	7.0	7.2
3. Brown-headed Cowbird	7.0	7.0	7.0
4. <i>Northern Oriole</i>	8.0	5.0	6.5
5. <i>Great-crested Flycatcher</i>	7.0	6.0	6.5
6. <i>Wood Thrush</i>	7.0	5.0	6.0
7. <i>Rose-breasted Grosbeak</i>	6.0	6.0	6.0
8. <i>Eastern Wood Peewee</i>	6.5	4.0	5.2
9. Northern Cardinal	4.0	3.0	3.5
10. Downy Woodpecker	4.0	3.0	3.5
11. <i>Scarlet Tanager</i>	4.5	2.0	3.2
12. Red-bellied Woodpecker	4.5	2.0	3.2
13. White-breasted Nuthatch	3.0	3.0	3.0
14. <i>House Wren</i>	4.0	2.0	3.0
15. Hairy Woodpecker	3.0	2.0	2.5
16. Black-capped Chickadee	3.0	2.0	2.5
17. <i>Ovenbird</i>	3.0	1.0	2.0
18. <i>Rufous-sided Towhee</i>	3.0	1.0	2.0
19. <i>Indigo Bunting</i>	3.0	1.0	2.0
20. Red-headed Woodpecker	1.5	2.0	1.7
21. <i>Red-eyed Vireo</i>	0.0	3.0	1.5
22. <i>Yellow-throated Vireo</i>	1.0	2.0	1.5
23. Mourning Dove	0.0	3.0	1.5
24. <i>Cedar Waxwing</i>	0.0	2.0	1.0
25. <i>Yellow-billed Cuckoo</i>	2.0	0.0	1.0
26. <i>Blue-gray Gnatcatcher</i>	2.0	0.0	1.0
27. Barred Owl	1.0	1.0	1.0
28. Pileated Woodpecker	1.0	1.0	1.0
29. <i>Northern Flicker</i>	1.0	1.0	1.0
30. Wild Turkey	1.5	0.0	0.5
31. Red-Tailed Hawk	1.0	0.0	0.5
32. <i>Ruby-throated Hummingbird</i>	1.0	0.0	0.5
33. <i>Yellow-bellied Sapsucker</i>	1.0	0.0	0.5
34. <i>Eastern Phoebe</i>	1.0	0.0	0.5
35. Ruffed Grouse	0.0	1.0	0.5
Species	31.0	28.0	29.5
Total Territories	105.0	85.0	95.0

Tropical Migrant Territories	61.0	42.0	51.5
% Trop. Mig. Territories	58.1%	49.4%	54.2%