

Appendix D. Number of observations on the Chequamegon National Forest for species not tested for trends in 2004 and species with fewer than ten observations per year. Includes flyovers and excludes birds outside of 100 m.

Species	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Canada Goose							6	6	17	2	23	11	3
Wood Duck	6		1	1	1						1	1	
Mallard	2	2			1			5	3	1			
Blue-winged Teal		1											
Ruffed Grouse	1	4	6	4	22	23	7	2	4	1	7	1	22
Common Loon						1	3				1		
American Bittern			3	2		2						3	
Great Blue Heron					1			5		1	1		
Green Heron									1				
Osprey											1		
Northern Harrier									2				1
Sharp-shinned Hawk									2				
Cooper's Hawk		1				1							
Northern Goshawk		1											1
Red-shouldered Hawk			1										
Broad-winged Hawk	5	2	4	3		2	4	4	3	3	3	2	6
Red-tailed Hawk			2				1	2		2			4
Sandhill Crane							2						
Killdeer	3	1											
Upland Sandpiper	7	4	12	2	1		3	2	1	1			
Wilson's Snipe	1	1		1			1			1			
American Woodcock		1		1									2
Mourning Dove	1		2		1		1	3	1	1	1	3	
Black-billed Cuckoo	3						1	1	1	5	1		
Yellow-billed Cuckoo		3		4		1	17	2	1	2			
Great Horned Owl	1												
Barred Owl			1				4	2	2		1		

Appendix D (cont.)

Species	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Common Nighthawk	1			1			2	3	1	1			
Whip-poor-will		1	1										
Chimney Swift								1			1		
Ruby-throated Hummingbird	2	2	2	5	4	2	3	1	15	4	8	5	6
Red-headed Woodpecker				1							1		
Downy Woodpecker	13	6	5	8	2	6	2	1	4	6	5	5	6
Black-backed Woodpecker		1		1			2	1					
Northern Flicker	8	5	14	9	9	9	13	13	5	3	15	2	7
Pileated Woodpecker	4	5	3	4		1		1		2	3	1	2
Olive-sided Flycatcher		1	4		5		2		3		5	2	
Eastern Phoebe	2			1	1	1	1	3	1	1	6	2	3
Eastern Kingbird	6	6	1	8	4	1	10	16	3	8	14	7	5
Yellow-throated Vireo	9	14	2	17	5	14	12	2	11	6	6	18	
Warbling Vireo			1						1		1		1
Philadelphia Vireo						1							
Gray Jay	4	7		1		2	5	4	2		5		
American Crow		2	15	1	3	7	6	12	17	6	10	12	6
Common Raven	1		19	4	2	5	5	4	5	12	11	3	4
Bank Swallow								1					
Barn Swallow							1		1				
Boreal Chickadee			2						1				
House Wren	4	1	4	3	3	1	5	7	7	3	8	3	3
Sedge Wren	2		7	13	6	8	2	2	5	6	11		9
Marsh Wren								1					
Ruby-crowned Kinglet	2	7	1	3	1		2	1		1	2		1
Blue-gray Gnatcatcher										1			
Eastern Bluebird	7	2	5	2	1		1	9	1	3	7	2	4
Swainson's Thrush		1	9	3	3	3	5	1				3	2

Appendix D (cont.)

Species	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Gray Catbird	2	3	1	2	3	2	4	3	2	3	7		7
European Starling	1												
Brewster's Warbler													1
Blue-winged Warbler					1	1	3						
Golden-winged Warbler	6	8	10	8	14	8	16	12	8	5	6	7	17
Tennessee Warbler			5	3		2					2	1	
Yellow Warbler	2	2	3	1	3	2	12	5	1	5	11	10	9
Magnolia Warbler	4	6	5	16	25	10	10	9	5	6	6	14	2
Cape May Warbler	1	2	4	10	1	3	8	4	1	2	2	5	
Black-throated Blue Warbler	6	7	10	5	5	4	8	10	3	1	5	5	3
Palm Warbler	5	5	3		4	4	6	11	3	4	2	3	4
Bay-breasted Warbler			2	3							1		
Connecticut Warbler	12	8	7	3	8	4	5	1	2	2	1		
Wilson's Warbler				4									
Field Sparrow	2	2	2	3			1			2	4	1	2
Savannah Sparrow	7	7	6	5	11	1	6	5	5	6	3	3	8
Le Conte's Sparrow	1			1							1	3	
Lincoln's Sparrow	9	11	2	2	8	6	1	2	3	4	8	3	9
Dark-eyed Junco	1	4	43	2	7	1	2	5	2			1	1
Northern Cardinal	1												
Dickcissel				2									
Bobolink												1	
Eastern Meadowlark		2						1			1		
Western Meadowlark			4										
Common Grackle			1	4		1	2	11	1	13	4	4	1
Baltimore Oriole	1	1	2	1	3		2		1	2	4	15	6
Purple Finch	6	1	3	7	4	6	9	8	18	28	6	5	11
Red Crossbill										8			24
Pine Siskin								2		4	6		

Appendix E. Number of observations on the Chippewa National Forest for species not tested for trends in 2004 and species with fewer than ten observations per year. Includes flyovers and excludes birds outside of 100 m.

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Canada Goose													2	
Wood Duck										1	14		2	
Mallard									9	5	1	1		
Green-winged Teal									5					
Ring-necked Duck											2			
Hooded Merganser												1		
Common Merganser										1			9	
Ruffed Grouse	4	3	2	1	5	2	4	18	13	1	10		5	2
Common Loon		1		1				4	3	2		3	2	1
American White Pelican									1				2	
American Bittern		1												
Great Blue Heron		1			2				3	2	3		5	2
Green Heron												2	1	
Turkey Vulture				1						1				
Osprey					1				1	1	1			
Bald Eagle	1			1		1			1	1				
Northern Harrier									1					
Sharp-shinned Hawk	1	1					4							
Cooper's Hawk		1							1		1	2		1
Northern Goshawk		1												
Red-shouldered Hawk						1					1			
Broad-winged Hawk		4	4	4	3	4	2	5		2	5	4	7	9
Red-tailed Hawk	1				1		2	2	2		2	1	1	1
American Kestrel												1		
Merlin								1					1	
Virginia Rail				1										
Sora											1	2		
Killdeer	1				1									

Appendix E (cont.)

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Solitary Sandpiper									1					
Wilson's Snipe	1	1	4	4				2		1		3	3	1
American Woodcock				1									2	
Mourning Dove	1				1				2	1	2	2		2
Black-billed Cuckoo	5	3		6							1	1	2	
Yellow-billed Cuckoo		1			6		1	14						
Great Horned Owl												2		
Barred Owl								2					2	1
Common Nighthawk					1				4	2				
Whip-poor-will				1					1					
Chimney Swift				1				1		2	2	3		
Ruby-throated Hummingbird	3	5	3	2	5	3	6	10	10	11	8	9	13	7
Belted Kingfisher				1		1	2				1	4	2	1
Red-headed Woodpecker							1							
Black-backed Woodpecker					1			1	3	1	2	4	1	2
Northern Flicker	9	17	4	5	4	1	5	2	6	6	4	7	2	8
Pileated Woodpecker	11	4	2	5	1	1	2	3	2			2	1	8
Olive-sided Flycatcher	11	9	7	3	6	1	6	9	1	1	8	3	3	7
Willow Flycatcher					1			1						
Eastern Phoebe	3	4				2	2	2		2		2	2	1
Eastern Kingbird	6	1	1	2	4		1	4	3		3	3	2	5
Warbling Vireo	1					2	3	1						
Philadelphia Vireo				4										
American Crow	6	4	4	28	3	7	16	13	11	9	7	14		12
Common Raven	1	3		6	1		4	5	5	4	7	7	3	3
Purple Martin		1							1					3
Tree Swallow		5	7			1			1	4	2	1		3
Cliff Swallow										12				
Barn Swallow										1		1		

Appendix E (cont.)

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Boreal Chickadee	3	2			1						1	4	4	3
House Wren			1	3	1			1	6	2	2	1	3	2
Sedge Wren	1		1	10		2	2	3	3	1	5			1
Marsh Wren				2										
Ruby-crowned Kinglet		1	4	2	3			4	1	1		2		
Eastern Bluebird		3								3	3	9		
Swainson's Thrush	1	1	2	6	1			9	2	4	1		2	
Wood Thrush	4	1	2	4	1	1		5	5	4	6	9	12	12
Brown Thrasher		1	1							1	1			
Tennessee Warbler		2	1	3					2	2				
Cape May Warbler	1			4	2				4		1	1	1	
Black-throated Blue Warbler	1	1	1	1	2		2		3					
Bay-breasted Warbler				3										
Blackpoll Warbler							1							
Northern Waterthrush	6	2	14	6	6	6	7	18	7	12	7	22	5	17
Eastern Towhee				5	3	1		1	4	3	5	5	1	4
Clay-colored Sparrow		2					2	1			8	6	5	4
Vesper Sparrow			1		1									1
Savannah Sparrow			1					1						
Le Conte's Sparrow	1													
Lincoln's Sparrow	4	1			1	2	2	3	1	2		1		6
Dark-eyed Junco	15	1		4	7	2	1	1		4		2	1	
Brewer's Blackbird		1						3		3	5	4		
Common Grackle	2			1	1			2	9	14	1		4	
Baltimore Oriole	3	8	11	6	3	5		2		4	1	1	9	1
Red Crossbill				2						2	26			2
White-winged Crossbill					1	18		1		45				
Pine Siskin				2	1	4	1		9	19	2	3		
Evening Grosbeak	7	11	1	3		2	2	13	15	30		4	5	7

Appendix F. Number of observations on the Superior National Forest for species not tested for trends in 2004 and species with fewer than ten observations per year. Includes flyovers and excludes birds outside of 100 m.

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Canada Goose												19		1
Wood Duck	1										1			
American Black Duck														2
Mallard				1			1	1		3	5	5		
Blue-winged Teal			1											
Green-winged Teal												11		
Canvasback				1										
Ring-necked Duck												3		
Common Goldeneye												3	1	
Common Merganser										3		4	1	2
Spruce Grouse		2								1			1	2
Common Loon		2						3	2	1	2			1
American Bittern		1	4		1	1				1		1		
Great Blue Heron			1											1
Turkey Vulture								2						2
Sharp-shinned Hawk														1
Broad-winged Hawk	4	3	3	4	3	2	7	5	8	6	10	10	4	9
American Kestrel			1			1					1		1	
Merlin											2			
Virginia Rail				1										
Sora		1												
Sandhill Crane								2						
Killdeer						4	1	3						1
Solitary Sandpiper											1			
Wilson's Snipe	1	1	1	10	1	1	1	1		1	2	2	2	3
American Woodcock		1					1							1
Herring Gull				1										
Mourning Dove											1			

Appendix F (cont.)

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Black-billed Cuckoo	3	12	2	3	1			4		3	4		1	1
Yellow-billed Cuckoo	1				2		1	1	1					
Great Horned Owl														2
Northern Hawk Owl											1			
Barred Owl		1					1							
Great Gray Owl	1													
Boreal Owl	1													
Northern Saw-whet Owl	1													
Common Nighthawk		1	3			1								
Whip-poor-will				1									1	
Ruby-throated Hummingbird	2	6	6		1	2	4	4	2	8	4	8	7	4
Belted Kingfisher	1	2		3	1	1	1	2	1	3		2	1	1
Red-headed Woodpecker								1						
Red-bellied Woodpecker										1				
Downy Woodpecker	5	9	8	10	9			5	5	18	9	7	5	4
Black-backed Woodpecker									1	3	3	3	3	2
Pileated Woodpecker	8	6	8	12	4	4		1	9	4	4	2	11	7
Olive-sided Flycatcher	17	10	4		2	2	1	1	2	1			3	2
Eastern Phoebe	2	1							2	1				
Great Crested Flycatcher	3	8	7	3	9	4	9	4	1	5		2	4	2
Eastern Kingbird	1	3	4		1	1		2	1			5	1	1
Yellow-throated Vireo		1	1		2	4				2	1		3	
Warbling Vireo													1	
Philadelphia Vireo					1									
American Crow		1	2	9			1	4	1	4	1	7	2	1
Common Raven	3	5		11	4	5	1	6	7	13	4	8	6	7
Tree Swallow			2						2	1				2
Bank Swallow											1			
Boreal Chickadee	1		1	1					1		2	3	6	6

Appendix F (cont.)

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
White-breasted Nuthatch		10	5	10	1	2	2	1		5	1	3	1	1
House Wren	2	1	2		4	1	1	1	3			1		1
Sedge Wren	4	2	1	6	2	1					1			3
Marsh Wren		1		2										1
Ruby-crowned Kinglet	9	10	28	13	4	9	4	15	11	6	1	8	4	10
Eastern Bluebird	1													2
Gray-cheeked Thrush			1											
Wood Thrush		3	2	4	2	1	2	4	5	4	6		1	1
Gray Catbird		1				3	1	1		4	1			1
Brown Thrasher		2	1		1	2		1						
Golden-winged Warbler	18	10	11	8	8	5	7	3	6	4	11	8	3	10
Yellow Warbler	2	7	2	20	3	1		1			1	2	3	
Palm Warbler		1	6	4		5	1	5	1		2	2		
Bay-breasted Warbler		1		2	8	4			4					
Blackpoll Warbler					1									
Northern Waterthrush		8	17	14	8	11	5	7	13	7	5	5	4	29
Connecticut Warbler	14	13	17	19	9	7	6	16	1	6	3	5	1	3
Wilson's Warbler			2	1	1		1							
Eastern Towhee					1						1			
Clay-colored Sparrow				5			1	1				4	1	1
Vesper Sparrow			1		2	6								
Lincoln's Sparrow	6	4	11	4	1	4	1	1		6	3	3		4
Dark-eyed Junco	2	5		15	5	2	2	3	2		7	1	2	
Indigo Bunting	6		1	8			4	4	5	1	1	7	7	5
Red-winged Blackbird	14	4	6	5	2	3	3	3	1	5	5	6	5	1
Rusty Blackbird		5												
Brewer's Blackbird			5				1				1			
Common Grackle		4				1		2			1	8	3	1
Brown-headed Cowbird	9	3	2		3	2	1		7	1	1	4	3	

Appendix F (cont.)

Species	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Baltimore Oriole	2		1	2		3	1	2	1	1	1	2	2	
Purple Finch	15	8	18	4	3		2	9	12	16	9	14	6	20
Red Crossbill							1			1	5			2
White-winged Crossbill						1		2		10	3	3	14	3
Pine Siskin			9	1	6	2	2		6	21	3	9	4	3
American Goldfinch	3	2	5	2	1	1	7	8	24	21	11	17	13	26