



Ontario Forest Bird Monitoring Program Newsletter



Volume 16, Issue 1, Spring 2006

Editor's Note

Welcome to the 20th year of the Forest Bird Monitoring Program! Thanks very much for your contribution.

A warm spring in many parts of the province brought with it an eager anticipation of the upcoming birding season. Now with migration in full swing, it is exciting to hear or catch a glimpse of the new birds arriving in the area. In many ways, it is equally exciting to watch the birds as they start to build their nests, with the eventual sights and sounds of new birds being added to the fold.

Happy birding!

Mike Cadman, FBMP Coordinator

The Forest Bird Monitoring Program (FBMP) began in Ontario in 1987 to provide information on population trends and habitat associations of birds that breed in the forest interior. Sites consist of three to five stations in woodlands. Volunteers perform 10 minute point counts at each station twice between late May and early July, at which time all birds are identified by song or sight.

For more information:

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*See the 'A Few Notes' section on the back of the newsletter for our **new** address as of mid-August.

Scarlet Tanager



Steve Maslowski / USFWS

Northern Flicker



David Menke / USFWS

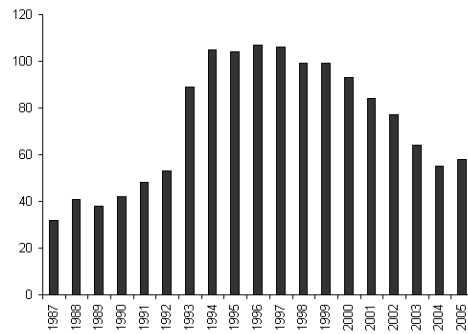


FIGURE 1: Number of FBMP participants since 1987

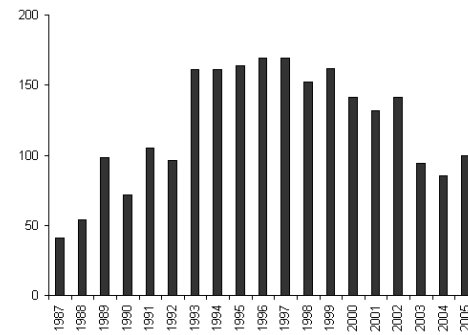


FIGURE 2: Number of sites surveyed since 1987

Results Highlights

Over the history of the program, there have been 237 participants who have surveyed a total of 377 sites (Figure 1 and Figure 2). In 2005, a total of 100 sites were surveyed by 58 volunteers.

In 2005, 130 species were observed. The 10 most common species in terms of the number of sites where they were recorded were:

- Red-eyed Vireo (94)
- American Robin (85)
- Blue Jay (85)
- Ovenbird (79)
- Black-capped Chickadee (76)
- Great Crested Flycatcher (74)
- Eastern Wood-Pewee (68)
- American Crow (67)
- Rose-breasted Grosbeak (60)
- Veery (59)

Trend Analysis Highlights

Overall trends from 1987 to 2005 were determined using the WILDSpace™ Decision Support System, a Canadian Wildlife Service (CWS) data management tool.

Similar to trends from the 1987-2004 period, Blackburnian Warbler, Common Yellowthroat, Nashville Warbler, Rose-breasted Grosbeak, Swainson's Thrush, Winter Wren and White-breasted Nuthatch are still

showing significant declines. Joining the list of declining species are Baltimore Oriole, Black-capped Chickadee, Eastern Wood-Pewee, Gray Jay, Northern Flicker, Pileated Woodpecker and Ovenbird. Significant increases were seen for Pine Warbler, Yellow Warbler, American Redstart, Yellow-bellied Sapsucker and Ruby-throated Hummingbird.



Species trends on FBMP sites, 1987-2005

Table shows the results for species occurring on 15 or more sites

Species	Target ¹	Number of Sites ²	Trend (%)	Sig. ³	LCI ⁴	UCI ⁴
Alder Flycatcher	NT	18	14.4		-3.7	35.9
American Crow	NT	192	2.1		-2.2	6.6
American Goldfinch	NT	128	4.9		-1.1	11.3
American Redstart	T	120	4.2	**	1.7	6.8
American Robin	NT	228	0		-3.5	3.5
Baltimore Oriole	NT	94	-2.7	*	-5.5	0.1
Black-and-white Warbler	T	114	-1.1		-7.2	5.3
Black-billed Cuckoo	T	45	-0.4		-9.5	9.5
Blackburnian Warbler	T	79	-5	**	-8.6	-1.3
Black-capped Chickadee	T	212	-2	*	-4.1	0.1
Black-throated Blue Warbler	T	85	2.8		-1.5	7.3
Black-throated Green Warbler	T	136	-0.9		-4.2	2.6
Blue Jay	T	233	-0.8		-3.6	2.1
Blue-gray Gnatcatcher	T	25	3.5		-5.2	13.1
Blue-headed Vireo	T	54	0.5		-7.5	9.3
Broad-winged Hawk	NT	21	10.4		-5.9	29.5
Brown Creeper	T	92	-3.3		-9.6	3.4
Brown-headed Cowbird	NT	116	1.2		-3.9	6.5
Canada Warbler	T	40	-4.6		-11.2	2.5
Cedar Waxwing	NT	113	-3.5		-13.2	7.3
Cerulean Warbler	T	16	2.2		-12.2	19
Chestnut-sided Warbler	NT	75	-3.8		-9.6	2.3
Chipping Sparrow	NT	84	-0.4		-3.9	3.2
Common Grackle	NT	104	4.2		-4.5	13.8
Common Raven	T	58	-1		-6.8	5.1
Common Yellowthroat	T	92	-3.5	*	-7.2	0.2
Dark-eyed Junco	T	21	-3		-22.8	21.8
Downy Woodpecker	T	145	-4.6		-10.3	1.4
Eastern Kingbird	NT	16	9		-2.4	21.7
Eastern Phoebe	T	30	0.1		-14.1	16.6
Eastern Towhee	T	32	5.3		-6.1	18.2
Eastern Wood-Pewee	T	195	-2.2	*	-4.9	0.4
Evening Grosbeak	T	36	0.1		-13.2	15.3
Golden-crowned Kinglet	T	37	-5.7		-14.8	4.4
Gray Catbird	T	53	5		-2.5	13.2
Gray Jay	T	15	-20.8	**	-35.4	-2.8
Great Crested Flycatcher	T	207	0.9		-0.5	2.3
Hairy Woodpecker	T	136	-0.1		-6.6	6.7
Hermit Thrush	T	108	1.3		-3	5.7
House Wren	NT	56	0.4		-4.2	5.3
Indigo Bunting	NT	60	-4.8		-12.1	3.1
Least Flycatcher	T	93	-2.3		-6.3	1.8
Magnolia Warbler	T	67	-3.7		-8.6	1.5
Mourning Dove	NT	107	4.5		-1.7	11.1
Mourning Warbler	NT	42	-3.3		-14.9	9.9
Nashville Warbler	NT	111	-4.6	**	-8.4	-0.6

1. NT = Non-target species, T = Target species

2. Total number of sites used in the analysis

3. **: $p < 0.05$; *: $0.05 < p < 0.10$

4. LCI = Lower Confidence Interval (%); UCI = Upper Confidence Interval (%)

(Continued on next page)



Species trends continued...

Table shows the results for species occurring on 15 or more sites

Species	Target ¹	Number of Sites ²	Trend (%)	Sig. ³	LCI ⁴	UCI ⁴
Northern Cardinal	T	76	1.1		-4.2	6.7
Northern Flicker	T	134	-5.3	**	-8.4	-2.1
Northern Waterthrush	T	89	-0.2		-6.8	6.8
Ovenbird	T	230	-2	*	-4.3	0.4
Pileated Woodpecker	T	127	-3.2	*	-6.5	0.2
Pine Warbler	T	64	6.9	**	1	13.1
Purple Finch	T	52	-2		-11.7	8.7
Red-bellied Woodpecker	T	29	-1.6		-16.6	16.1
Red-breasted Nuthatch	T	107	2		-9.5	14.9
Red-eyed Vireo	T	246	1.3		-0.7	3.2
Red-shouldered Hawk	NT	18	-8.8		-19.8	3.8
Red-winged Blackbird	NT	68	-4.9		-12.6	3.4
Rose-breasted Grosbeak	T	166	-2.8	**	-4.8	-0.7
Ruby-throated Hummingbird	NT	39	7.1	**	0.9	13.6
Ruffed Grouse	T	72	-5.5		-15.8	5.9
Scarlet Tanager	T	146	1.5		-3	6.2
Song Sparrow	NT	78	-5.3		-13.4	3.5
Swainson's Thrush	T	60	-3.4	*	-7	0.4
Swamp Sparrow	NT	24	1		-7.2	10.1
Tree Swallow	NT	21	-5		-14.3	5.2
Veery	T	181	0.1		-1.2	1.5
Warbling Vireo	NT	36	-4.8		-12.1	3.1
White-breasted Nuthatch	T	137	-2.8	*	-5.5	0.1
White-throated Sparrow	NT	102	-3.5		-7.9	1.1
Winter Wren	T	120	-4.8	**	-7.5	-2
Wood Thrush	T	149	-2.3		-5.9	1.4
Yellow Warbler	NT	47	7.6	**	3.1	12.2
Yellow-bellied Flycatcher	T	17	-7.7		-28.2	18.6
Yellow-bellied Sapsucker	T	112	5.2	**	2.5	7.9
Yellow-billed Cuckoo	T	34	-0.5		-6.5	5.8
Yellow-rumped Warbler	T	99	-1.3		-6.9	4.5
Yellow-throated Vireo	T	22	-2		-18.3	17.5

1. NT = Non-target species, T = Target species

2. Total number of sites used in the analysis

3. **: $p < 0.05$; *: $0.05 < p < 0.10$

4. LCI = Lower Confidence Interval (%); UCI = Upper Confidence Interval (%)

Yellow Warbler



Donna Dewhurst / USFWS



Our Amazing Volunteers

Congratulations to all the volunteers who have completed 10 years of participation. In 2005, congratulations go out to:

Rob Crawford, Bonnie Devillers, Connie Downes and Andy Steinberg.

You will each receive a limited edition FBMP pen and a certificate of recognition.

Volunteers with 5+ years of experience with the FBMP

Years of Participation	
19	Dennis Barry, Virgil Martin, Ron Tasker
18	Kathryn Lindsay, Rick Ludkin, Margaret McLaren, Ron Weir
17	Bruce Falls, Cynthia Suhay
16	Chris Bell, Bruce Duncan, Chris Sanders, Dan Strickland
15	Jacques Bouvier, Jon McCracken, Bill McIlveen, Ron Scovell
14	Peter Blancher, Al Harris
13	George Bryant, Fred Caloren, Paul Hector, Joe Johnson, Doug Martin, Lynn Paibomesai, Don Scanlan, Ron Tozer, Chris Wedeles
12	David Cattrall, Ted Cheskey, Chris Earley, Chris Ellingwood, Daniel Entz, James Martin, Don Shanahan, Jim Spruce, Bill Wilson
11	David Bree, Nick Escott, Manson Fleguel, Gary Nielsen, Jim Wilson
10	Rob Crawford, Bonnie Devillers, Connie Downes, Helen Hutchinson, Helen Inch, Karl Konze, Sarah Mainguy, Jean Niskanen, Sandra Parsons, Andy Steinberg, Reinder Westerhoff
9	Ray Blower, Joanne Dewey, Sue Greenwood, Stew Hamill, Dave Martin, Larry Martyn, Deryl Nethercott, Ted Presant, Al Sandilands, John Woodcock
8	Mike Cadman, Joan Donnelly, Tony Edwards, James Forrest, Nick Quickert, Pete Read, Ron Ridout, Peter Stinnissen, Audrey Wilson
7	Sylvia Biribauer, Mike Bouman, Rob Cheskey, Gary Clay, Don Fillman, Judith Kennedy, Richard Knapton, Irene McIlveen, Craig Potter, Paul Pratt, Lynne Richardson, Ilmar Talvila, Dan Welsh, Mark Wiercinski
6	Madeline Austen, Richard Blacquiére, John Cartwright, Bill Crins, Mary Gartshore, Cory Harris, Ross James, John McLaughlin, Erwin Meissner, Kathy Parker, Bob Sachs, Don Stuckey, Janice Sukhiani, Steve Wendt, Charlie Whitelaw
5	Alfred Adamo, John Blaney, Terry Bradt, Tom Cosburn, Sandy Dobbyn, Richard Frank, Peter Goering, David Hawke, Mike Lepage, Ken McIlwrick, Annette Mess, Chris Michener, Richard Moore, Bill Murphy, Kenton Otterbein, Bob Whittam

Cedar Waxwing



David Menke / USFWS

A Few Notes

Retiring a Site – we know that eventually the day may come when, for whatever reason, you are no longer able to continue to survey one or more of the sites you currently monitor. It is appreciated if you can let the FBMP staff know when you retire a site. Consider asking a birder in your area if he/she would be interested in taking over the site and offer to help them locate the stations and get them started.

Picking up a Site – new sites are still being set up, so if you have an appropriate location for a new site and wish to set one up, please contact the office. If you would like to pick up an existing but retired site, there are a few available although it is easiest when the former volunteer for the site is willing to show the locations. Again, if interested, please do not hesitate to contact FBMP staff.

We're Moving – as of mid-August, our new address will be:

Forest Bird Monitoring Program
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3439 River Road South
Ottawa, ON K1A 0H3

This publication is available online at the following URL: www.on.ec.gc.ca/wildlife.

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