DATA SUMMARY Central Park Spring Migration Walks 23 March - 17 June 2011 Mike Morrell, Mike Super, Dennis Forsyth and many volunteers.

	No. counts			Between first and last detection			_	
	on which species was			Frequency*	Number p		_	
	detected	First date	Last date	(1.0=all;0=none)	Median	Max	Comment	
Canada Goose	7	23 Mar	13 May	0.78	2	20		
Trumpeter Swan	1	23 Mar	n/a	n/a	12	12	Fly over only	
Wood Duck	7	8 Apr	27 May	0.88	2	4		
Mallard	9	25 Mar	3 Jun	0.82	1	6		
Hooded Merganser	4	23 Mar	22 Apr	0.80	2	2		
Sooty Grouse	1	13 May	n/a	n/a	1	1		
Turkey Vulture	9	23 Mar	17 Jun	0.64	2	7	Fly over only	
Bald Eagle	9	8 Apr	17 Jun	0.82	3	9		
Sharp-shinned Hawk							Unconfirmed record 6 May.	
Cooper's Hawk	1	13 May	n/a	n/a	1	1		
Red-tailed Hawk	3	8 Apr	17 Jun	0.27	0	1	Fly over only	
Merlin	1	8 Apr	n/a	n/a	1	1		
Glaucous-winged Gull	2	23 Mar	25 Mar	1.00	2	2	Fly over only	
Band-tailed Pigeon	2	10 Jun	17 Jun	1.00	1	1		
Northern Pygmy-Owl							Unconfirmed record 29 Apr.	
Rufous Hummingbird	11	8 Apr	17 Jun	1.00	1	3		
Red-breasted Sapsucker	12	23 Mar	10 Jun	0.92	2	4		
Downy Woodpecker	5	1 Apr	27 May	0.56	1	2		
Hairy Woodpecker	6	25 Mar	3 Jun	0.55	1	2		
Northern Flicker	13	23 Mar	17 Jun	0.93	3	5		
Pileated Woodpecker	8	23 Mar	17 Jun	0.57	1	2		
Olive-sided Flycatcher	2	3 Jun	17 Jun	0.67	1	4		
Willow Flycatcher	3	3 Jun	17 Jun	1.00	5	7		
Hammond's Flycatcher	3	3 Jun	17 Jun	1.00	1	2		
Pacific-slope Flycatcher	7	6 May	17 Jun	1.00	3	6		
Hutton's Vireo	1	3 Jun	n/a	n/a	4	4		
Warbling Vireo	6	13 May	17 Jun	1.00	4	8		
Northwestern Crow	5	23 Mar	3 Jun	0.42	0	15		
Common Raven	12	23 Mar	17 Jun	0.86	2	4		
Tree Swallow	8	22 Apr	17 Jun	0.89	3	8		
Violet-green Swallow	4	22 Apr	13 May	1.00	2	4		
Chestnut-backed Chickadee	14	23 Mar	17 Jun	1.00	8	19		

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	No. counts			Between first and last detection			_	
	on which species was			Frequency*	Number p	er count		
	detected	First date	Last date	(1.0=all;0=none)	Median	Max	_ Comment	
Red-breasted Nuthatch	13	23 Mar	17 Jun	0.93	2	6		
Brown Creeper	5	23 Mar	27 May	0.56	1	2		
Bewick's Wren	4	13 May	17 Jun	0.67	1	2		
House Wren	7	6 May	17 Jun	1.00	3	4		
Pacific Wren	1	23 Mar	n/a	n/a	1	1		
Marsh Wren		n/a	n/a	n/a	n/a	n/a	Unconfirmed record 29 Apr.	
Golden-crowned Kinglet	4	23 Mar	17 Jun	0.29	0	4		
Ruby-crowned Kinglet	5	25 Mar	13 May	0.63	2	9		
Swainson's Thrush	4	27 May	17 Jun	1.00	3	7		
Hermit Thrush	2	15 Apr	29 Apr	0.67	1	1		
American Robin	14	23 Mar	17 Jun	1.00	17	29		
Varied Thrush	10	23 Mar	3 Jun	0.83	2	7		
European Starling	10	23 Mar	10 Jun	0.77	2	4		
Cedar Waxwing	4	13 May	17 Jun	0.67	1	3		
Orange-crowned Warbler	9	15 Apr	17 Jun	0.90	2	8		
Yellow Warbler	3	3 Jun	17 Jun	1.00	1	2		
Yellow-rumped Warbler	12	23 Mar	17 Jun	0.86	2	15		
Townsend's Warbler	5	6 May	10 Jun	0.83	3	4		
MacGillivray's Warbler	2	13 May	3 Jun	0.50	1	1		
Common Yellowthroat	7	29 Apr	17 Jun	0.88	2	6		
Wilson's Warbler	5	13 May	17 Jun	0.83	2	5		
Western Tanager	5	20 May	17 Jun	1.00	3	5		
Spotted Towhee	14	23 Mar	17 Jun	1.00	5	9		
Chipping Sparrow	3	6 May	20 May	1.00	1	1		
Song Sparrow	14	23 Mar	17 Jun	1.00	7	14		
Golden-crowned Sparrow	2	29 Apr	13 May	0.67	1	3		
White-crowned Sparrow	9	22 Apr	17 Jun	1.00	6	8		
Dark-eyed Junco	12	23 Mar	17 Jun	0.86	2	11		
Black-headed Grosbeak	1	10 Jun	n/a	n/a	1	1		
Red-winged Blackbird	8	15 Apr	17 Jun	0.80	1	4		
Brewer's Blackbird	3	23 Mar	20 May	0.30	0	1		
Brown-headed Cowbird	7	22 Apr	17 Jun	0.78	2	4		

DATA SUMMARY Central Park Spring Migration Walks 23 March - 17 June 2011

Mike Morrell, Mike Super, Dennis Forsyth and many volunteers.

	No. counts			Between firs	t and last d	-		
	on which species was			Frequency*	Number per count			
	detected	First date	Last date	(1.0=all;0=none)	Median	Max	Comment	
Purple Finch	11	8 Apr	17 Jun	1.00	2	4		
Pine Siskin	4	23 Mar	3 Jun	0.33	0	15		
American Goldfinch	3	3 Jun	17 Jun	1.00	2	4		

* *Frequency* is the number of counts on which the species was detected divided by the total number of counts between the species' first and last detection date.

Total Counts Total Species	14 64	+3 unconfirmed
	Pei	r Count
-	No. Indivs.	No. Species
Median	108	37.5
Min	54	23
Мах	159	48

Participants: Mike Super, Mike Morrell, Dennis Forsyth

Doug Bell, Steve Carballeira, Elizabeth Chapman, Pea Davies, Patrick Fawkes, Colleen Forest, Tim Fuchs, Margie Gang, Val Hammell, Kathleen Holden, Denise MacKean, Galen Malthouse, Anne Page, Bill Peters, Shirley Ward