

GREATER TORONTO

RAPTOR WATCH

FALL 1995



D. BEADLE '96

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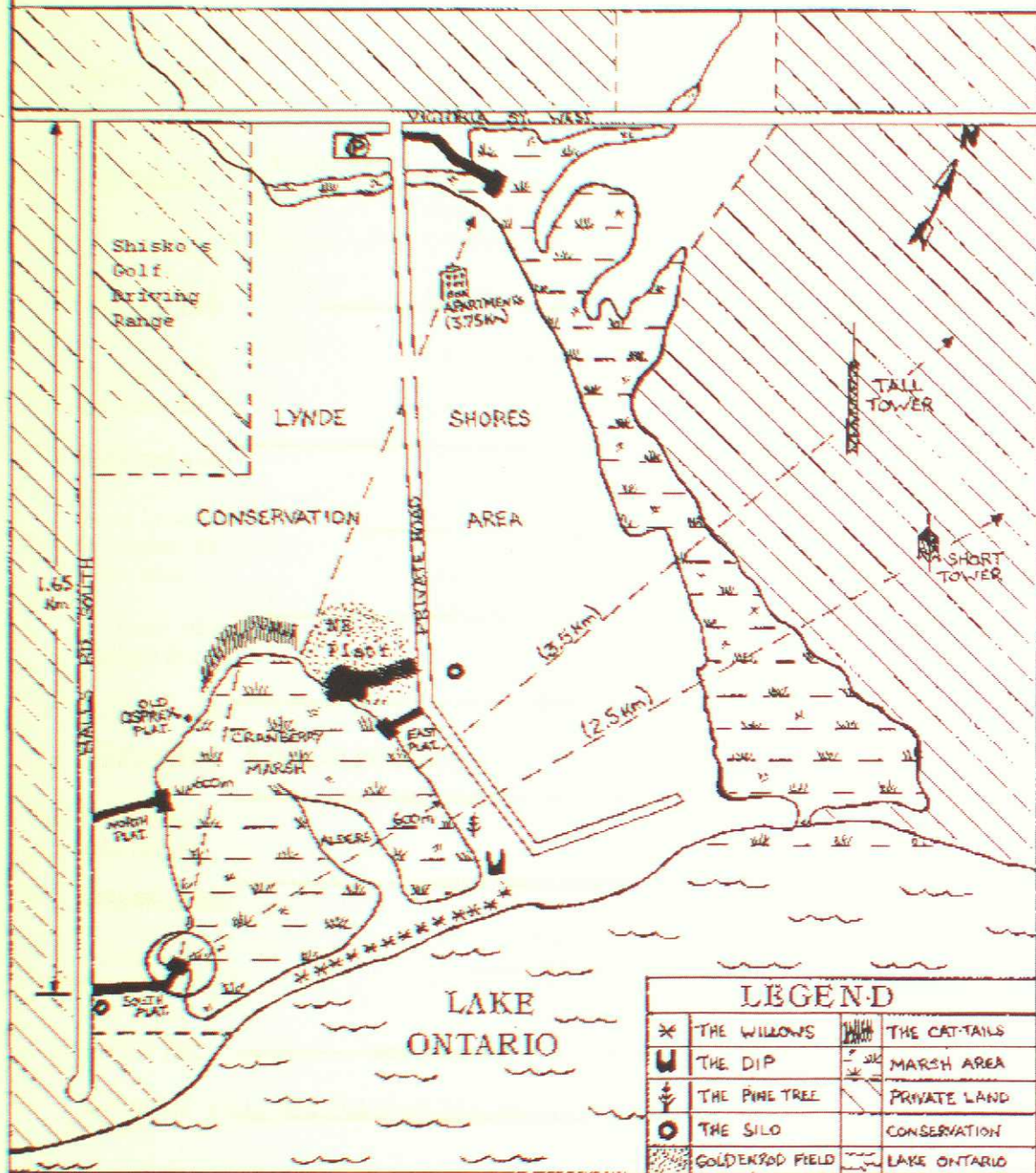
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GREATER TORONTO RAPTOR WATCH FALL MIGRATION AND HISTORICAL ONE DAY PEAKS CRANBERRY MARSH, WHITBY - HIGH PARK, TORONTO

Species Names	September			October			November			Peaks
	E	M	L	E	M	L	E	M	L	
Turkey Vulture										860 Oct.13.91
Osprey										15 Sep.11.92
Bald Eagle										5 Sep.19.93
Northern Harrier										87 Sep.17.94
Sharp-shinned Hawk										520 Sep.11.93
Cooper's Hawk										26 Sep.23.92
Northern Goshawk										11 Oct.29.95
Red-shouldered Hawk										120 Oct.13.91
Broad-winged Hawk										5,343 Sep.18.94
Red-tailed Hawk										1,268 Oct.29.95
Rough-legged Hawk										47 Nov.8.90
Golden Eagle										10 Oct.28.95
American Kestrel										229 Sep.11.91
Merlin										9 Sep.11.91
Peregrine Falcon										7 Sep.29.90

Key: Range of flight Peak Period

CRANBERRY MARSH

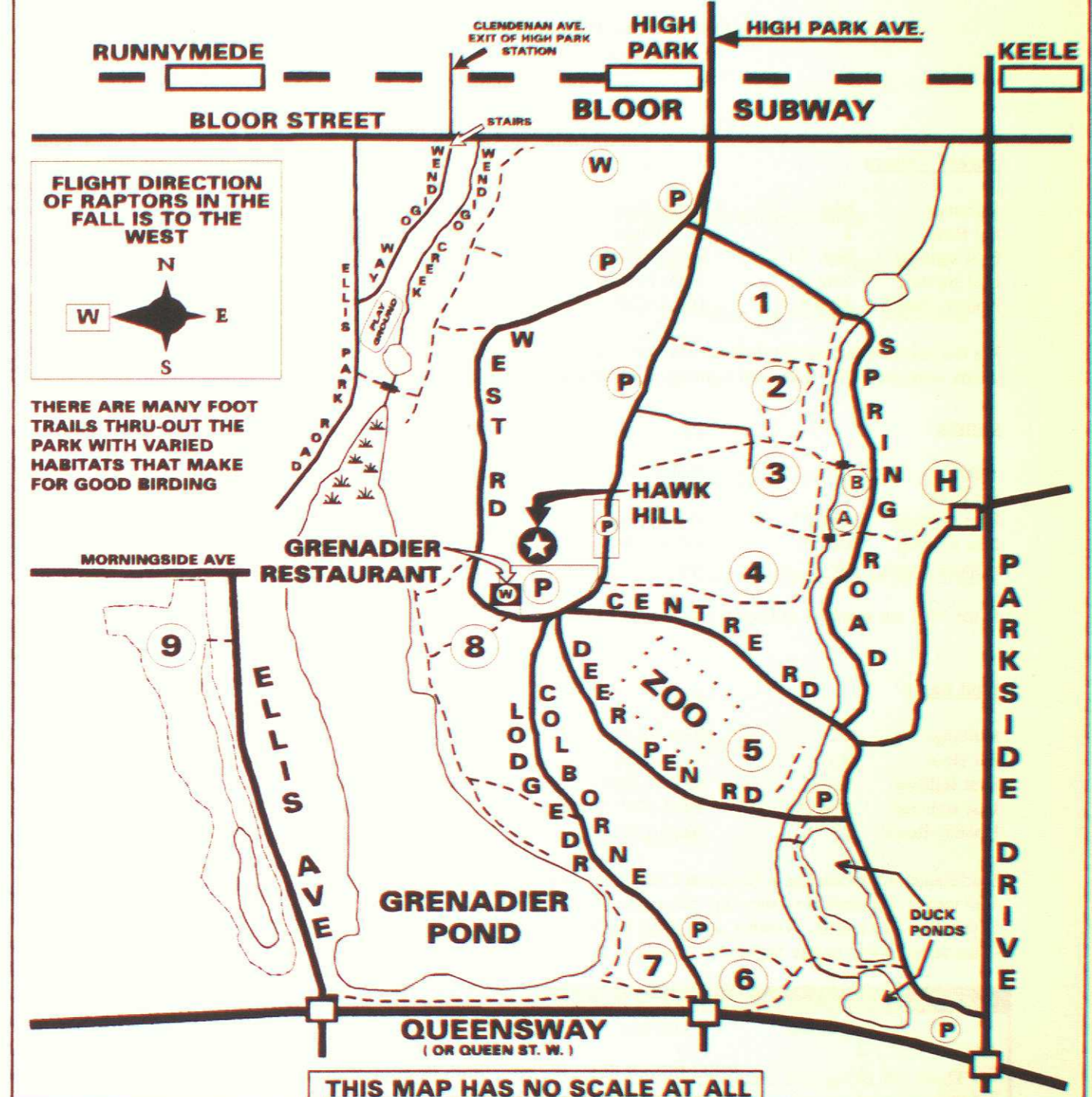


DRAWN BY: MICHAEL BOLDREAN 1 OCT 25/95

GREATER TORONTO RAPTOR WATCH
P.O. BOX 14555, 75 BRYLY ST. W.,
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HIGH PARK



NOTE :- HIGH PARK IS CLOSED TO MOTORIZED TRAFFIC ON ALL SUNDAYS AND HOLIDAYS IN AUGUST AND SEPTEMBER AND ON SOME SUNDAYS IN OCTOBER.

YOU MAY PARK ON SOME STREETS OUTSIDE OF THE PARK BUT IF YOU CAN COME BY TTC IT IS NOT A LONG WALK TO THE HAWK VIEWING HILL.

**Greater Toronto Raptor Watch
Cranberry Marsh, 1995
Species Accounts**

Turkey Vulture

Sightings:	644	Peak Flight:	132 on Oct 9
Per Hour:	2	% of Flight:	0.10%
First sighting:	Sep. 01	90% of Flight:	Oct 01 to Oct. 16
Last sighting:	Nov. 21	1990-1995 Averages:	1095
Holiday Beach	16,468	Hawk Cliff	2975

We did not have the weather behave when the TV's were migrating in our area the peak day October 9 the winds were from SSE. The total sightings was the lowest we have witnessed. Our highest was 1869 in 1994.

Osprey

Sightings:	57	Peak Flight:	9 on Sep.30
Per Hour:	0.1	% of Flight:	0.01%
First sighting:	Aug.27	90% of Flight:	Sep.14 to Sep.30
Last sighting:	Oct.29	1990-1995 Averages:	62
Holiday Beach	199	Hawk Cliff	224

Since 1991 our numbers of Osprey have been down, the probable cause is weather again.

Bald Eagle

Sightings:	27	Peak Flight:	3 on Nov.19 and 28
Per Hour:	0.1	% of Flight:	0.01%
First sighting:	Sep.4	90% of Flight:	Oct.30 to Nov.29
Last sighting:	Nov.29	1990-1995 Averages:	16
Holiday Beach	53	Hawk Cliff	61

Bald Eagles are increasing in the Great Lakes, what is a little odd though is way in 1995 did this species wait longer than normal to show up in our area. Bald Eagle are down in the Toronto region by mid September. The causes: Weather since Bald Eagles prefer Northerly winds which broke down to seven times between mid to late September compared to twelve times from Oct.30 to Nov. 29.

Ages of Bald Eagles passing through Cranberry Marsh, 1995				
	<u>September</u>	<u>October</u>	<u>November</u>	<u>Total</u>
1st year	2	3	5	10
2nd yr	1	2	2	05
3rd yr	1	0	1	02
Adult	5	0	2	07
UE	1	1	1	03
Total	10	6	11	27

Northern Harrier

Sightings	157	Peak Flight	13 on Sep.14
Per Hour	0.4	% of Flight	0.03%
First Sighting	Aug.27	90% of Flight	Sep.02 to Sep.28
Last Sighting	Nov.30	1990 - 1995 Averages	168
Holiday Beach	1,341	Hawk Cliff	766

We kept an account of all male Harriers at our watch sites, the monthly totals are listed below.

September	2	October	7	November	7	Total	16
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The reason for keeping track of the male Harriers is that this sex of this species are not all that common in our region. We understand how common Male Harriers are in other areas.

Sharp-shinned Hawk

Sightings	1,310	Peak Flight	180 on Sep.09
Per Hour	3	% of Flight	0.22%
First Sighting	Aug.27	90% of Flight	Sep.09 to Sep.23
Last Sighting	Nov.30	1990 - 1995 Averages	1,448
Holiday Beach	15,376	Hawk Cliff	5,672

Our season total of 1,310 remains lower than our average. Sightings per hour have dropped from an average of 5per/hr to 3 per/hr.

Cooper's Hawk

Sightings	57	Peak Flight	8 on Sep.02
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.01	90% of Flight	Sep.01 to Sep.27
Last Sighting	Nov.22	1990 - 1995 Averages	98
Holiday Beach	765	Hawk Cliff	445

Season total of 57 remains below average, but did surpass 1994 total of 31.

Northern Goshawk

Sightings	49	Peak Flight	11 on Oct.29
Per Hour	0.01	% of Flight	0.01%
First Sighting	Sep.24	90% of Flight	Nov.05 to Nov.28
Last Sighting	Nov.28	1990 - 1995 Averages	29
Holiday Beach	59	Hawk Cliff	36

We set a new peak flight record of 11 on Oct.29, this surpasses our previous record of 6 on Oct.20, 1990. Also we set a season total high with 49, our previous record was 37 in 1991.

Red-shouldered Hawk

Sightings	28	Peak Flight	11
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.02	90% of Flight	Oct. 29 to Nov.28
Last Sighting	Nov.28	1990 - 1995 Averages	83
Holiday Beach	902	Hawk Cliff	272

Sightings of this species remains low at this watch-site for a third consecutive year.

Broad-winged Hawk

Sightings	1,477	Peak Flight	813 on Sep.10
Per Hour	4	% of Flight	0.25%
First Sighting	Sep.01	90% of Flight	Sep.09 to Sep.23
Last Sighting	Sep.28	1990 - 1995 Averages	83
Holiday Beach	22,431	Hawk Cliff	12,818

The weather played a large part in the low count this season. At peak flight time the winds were from the southerly direction, forcing the Broad-wings inland north of our watch-site

Swainson's Hawk

Pending approval of the Ontario Birds Record Committee. On September 11 we observed one immature Light morph J. Barker, D.Lockrey, M&C Boudreau were the observers. D. Lockrey submitted the rare bird report.

Red-tailed Hawk

Sightings	1,303	Peak Flight	494 on Oct.29
Per Hour	3	% of Flight	0.22%
First Sighting	Sep.02	90% of Flight	Oct.29 to Nov.23
Last Sighting	Nov.30	1990 - 1995 Averages	1,115
Holiday Beach	11,393	Hawk Cliff	272

Red-tails had a fairly good showing at this site. Our season total of 1,303 was better than average and improved from 1994 (283) & 1993 (496).

Rough-legged Hawk

Sightings	119	Peak Flight	22 on Nov.19
Per Hour	0.3	% of Flight	0.02%
First Sighting	Oct.10	90% of Flight	Oct.29 to Nov.29
Last Sighting	Nov.29	1990 - 1995 Averages	82
Holiday Beach	171	Hawk Cliff	3

Our season total of 119 was our second highest total. Our season high was in 1991 with 222 recorded. A peak day of 22 equals the season total at the High Park watch station.

Golden Eagle

Sightings	21	Peak Flight	10 on Oct.29
Per Hour	0.1	% of Flight	0.01%
First Sighting	Sep.23	90% of Flight	Oct. 25 to Oct. 29
Last Sighting	Nov. 28	1990 - 1995 Averages	12
Holiday Beach	75	Hawk Cliff	20

The season total is our best ever. This overtakes our previous record of 19 in 1990. On September 23 Two pairs flew directly over the marsh.

American Kestrel

Sightings	479	Peak Flight	107 on Sep.14
Per Hour	1	% of Flight	0.08%
First Sighting	Sep. 01	90% of Flight	Sep. 01 to Sep. 27
Last Sighting	Nov. 20	1990 - 1995 Averages	610
Holiday Beach	4,929	Hawk Cliff	3,476

This year's season total of 479 remains below our six year average of 610

Merlin

Sightings	50	Peak Flight	7 on Oct.16
Per Hour	0.1	% of Flight	0.01%
First Sighting	Aug. 27	90% of Flight	Aug. 27 to Sep. 28
Last Sighting	Nov.12	1990 - 1995 Averages	28
Holiday Beach	121	Hawk Cliff	120

Our season total of 50 was well above our average of 28, but fell short of our season high of 74 recorded in 1991.

Peregrine Falcon

Sightings	15	Peak Flight	4 on Sep. 30
Per Hour	0	% of Flight	0%
First Sighting	Sep. 09	90% of Flight	Sep. 23 to Oct 07
Last Sighting	Oct. 25	1990 - 1995 Averages	22
Holiday Beach	83	Hawk Cliff	143

This season's total of 15 was our second lowest total in our six years

Unidentified Raptors

The total of unidentified raptors is 171.

Acknowledgements

A great deal of thanks must be directed to Mike Boudreau and Doug Lockrey without their effort this report would not come close in detail that a Hawk report should have. To the other people who contributed to the success of the Cranberry Watch you are the people that we need to keep this watch alive.

Counters

John Barker
Rayfield Pye
Doug Lockrey
Alfred Lisk
Mike Boudreau
R.G. Shillabeer
Mike Street
J. Ashdown
John Ridley

Active Observers

M. Bence	P. Holder
J. Fairchild	K. Ridge
M. King	J. Silverberg
J. Stevens	J.M. Speirs
G. Gallant	M. Wilson
D. Gascoigne	D. Worthington
J. Iron	H. Kerr
R. Pittaway	C. Boudreau
D & W Mohr	
L. Schlichter	
E. Beagan	
M. Bain	
D. Shannon	
B. Petty	
D. Calvert	

1995 HIGH PARK RAPTOR WATCH

Introduction

This is the second year of regular monitoring of Raptors at High Park in Toronto. The watch site is located on a prominent hill immediately north of the Grenadier Restaurant parking lot. This site is 1.25 kilometres north of Lake Ontario and is at an elevation of 110 metres, 34.8 metres above the lake level. Daily monitoring is done from September 1st to November 30th, from about 8 a.m. to 6 p.m., except during days of inclement weather. All raptor species are counted and on a more casual basis, other bird species.

Due to its accessible location in a major urban centre this site continues to attract growing numbers of observers, both casual and serious, during the monitoring season. Information on the Raptor watch and daily/seasonal totals for the 1996 season will be posted on the bulletin board at the front of the Grenadier Restaurant. The main objective for the 1996 season will be to increase observer hours and continue to refine record keeping to ensure its completeness, accuracy and usefulness. A secondary objective will be to monitor the migration from both lakeshore and sites further inland than High Park, particularly on days when there are large flights of raptors, especially Broad-winged Hawks, at these sites relative to that at High Park.

Seasonal Summary

This watch had a total of 239 hours spread over 39 days. The total number of raptors for the three month period was 10016 of which 3751 were Broad-winged (37.5%), 2898 were Red-tailed (28.9%) and 1993 were Sharp-shinned Hawks (19.9%). Birds per hour were 41.9.

Numbers of Accipiters were up over last year but Buteo, Falcon and Vulture numbers were down. Specifically, there was an increase in Sharp-shinned, Cooper's, Northern Goshawk, Red-shouldered, Red-tailed, Rough-legged Hawk, Golden Eagle, Merlin and Peregrine Falcon numbers but a decrease in Turkey Vulture, Osprey, Bald Eagle, Northern Harrier, Broad-winged Hawk and American Kestrel numbers from 1994.

New one day highs were recorded for Cooper's Hawk, Northern Goshawk, Red-tailed Hawk, Rough-legged Hawk, Golden Eagle and Merlin.

On September 23rd, a Swainson's Hawk was recorded for the first time. It was seen briefly in the late morning at a considerable height and distance to the north-west of the watch site and was unaccompanied. It was identified as a light phase adult.

The season, until late October, was sunnier and milder than normal and the passage of cold fronts was consistent throughout the period. When cold fronts passed through in October however, they were often marked by strong, gusty winds that discouraged migration. The front

that brought such an impressive raptor flight on October 29-30 also induced very heavy east to west passerine migration. In November, cold fronts often arrived with snow.

Species Accounts

Turkey Vulture

A total of 290 birds were seen for the season with the peak number of 54 occurring on October 2nd. The first vulture was spotted on September 9 and the last was seen on November 22nd. The bulk of the migration was between September 23rd and October 29th with a total of 242 passing through.

The huge drop in numbers from 1711 in 1994 to just 290 in 1995 was likely due to the main movement of vultures occurring well to our north, probably along the Oak Ridges Moraine. For example, on a day of SW winds which was not conducive to a significant flight at High Park, 84 vultures were noted on the 11th of October in Thornhill. Lack of favorable wind drift conditions during their peak movement seems to be the reason that so few of these birds were recorded close to the Lake Ontario shoreline. As their population is increasing in Ontario, one would normally expect higher year-to-year numbers being recorded.

Osprey

28 birds were counted for the year with two peak days of 6 each on September 8th and 14th. The first Osprey was seen on September 1 and the last was seen on October 4. The peak migration period occurred between September 1st and October 4th.

The drop in numbers recorded of this recovering population from 1994 was probably due to more birds moving nearer the Lake Ontario shoreline, as numbers were up slightly at the Cran-berry watch site.

Bald Eagle

10 Bald Eagles, including 4 immatures were seen this year. The peak day was September 17th with three birds observed. The flight period was between September 8th and October 4th.

As Bald Eagle movement often closely parallels that of Osprey, the decrease in sightings is probably due to a more southerly main flight path.

Northern Harrier

This year's count was 88 with the bulk of Harriers sighted in the month of September. The peak day was September 17th with 16 birds recorded. Observations covered the period between September 1st and November 22nd.

It appears that the 1995 breeding season for Northern Harrier was not as successful as in 1994 (reduced prey supply?). A similar drop was also recorded at the Cranberry station.

Sharp-shinned Hawk

The peak day was September 14th when 427 individuals were counted. The bulk of the movement was between September 9th and October 8th. The 1776 total count was recorded over the entire raptor observation period: September 1st to November 28th.

Increased observer coverage was likely the explanation for the increase recorded for this ubiquitous raptor.

Cooper's Hawk

The total of 82 birds was fairly well distributed over the three month observation period. The peak was reached on September 9th with 14 hawks counted. 43 birds were recorded between September 1st and September 23rd with the last bird seen on November 24th.

The significant rise in numbers recorded may possibly indicate an increasing population.

Northern Goshawk

22 birds were seen in fall migration from September 17th to November 24. There was no significant peak noted but the bulk of the flight was between October 28th to November 24th with 20 hawks counted.

The increase in numbers recorded of this species was even more precipitous than that of Cooper's Hawk. A good breeding season combined with better coverage during its main flight period probably explains this increase. It would be interesting if there was any correlation with last year's Goshawk numbers to Snowshoe Hare numbers.

Red-shouldered Hawk

The season's total was 301 with the first bird seen on the very early date of September 14th and the last on November 28th. The peak flight was observed from October 29th to November 12th with 261 birds counted. The day with the highest count was November 4th when 68 birds were counted.

It was encouraging to note the healthy increase in sightings of this species. Greater observer hours during its main flight period may be a contributing factor to the higher numbers recorded.

Broad-winged Hawk

The most numerous raptor species counted has a season total of 3751 birds. The first date of observation was September 1st with the migration complete by October 4th. The peak day was September 14th with 3149 birds counted. 80% of the flight was recorded on just two days; September 14th and 17th.

A much smaller flight was observed in 1995 in comparison to 1994. Only one large flight, on September 14th, was seen, in comparison to 1994, when three days of large flights were recorded. It is likely that larger numbers were moving to our north.

Swainson's Hawk

The single bird observed was recorded on September 23rd. It was identified as a adult light phase bird by Norm Murr.

Red-tailed Hawk

2898 birds were seen from September 1st to November 28th. The bulk of the birds moved through between October 29th and November 28th with 2831 hawks recorded. The peak day was October 29th with 1268 birds observed.

High numbers were observed again this year. The flight on October 29th was even more impressive than the flight on November 10th last year. A mild October with generally unfavourable headwinds discouraged migration until a very sharp cold front arrived on October 29th. It appeared that a large build-up moved through over the next two days. A dark morph bird was recorded on November 8.

Rough-legged Hawk

With a peak day on October 29th with 10 birds, a total of 22 individuals were observed during the autumn migration. The first observation date was October 29th and the last on November 19th.

The flight on October 29th equaled the total number recorded all of last year! Even higher numbers probably moved along the lakeshore route. Only one dark morph bird was noted. Snow that heralded the belated start of winter at their breeding grounds probably pushed them south.

Golden Eagle

22 birds were seen during the year with a peak of 10 seen on October 29th. This was the first (and overdue) appearance date for this species with the last birds seen on November 29th. 7 of the 22 birds were sub-adult/immature.

An excellent flight this year started off later in the season than normal on October 29th when the first eagle was spotted at 8:42 a.m. It was joined by nine more in that day's parade. Excellent observer coverage and a flight period dominated by strong north to south wind drift conditions were the main contributing factors to this record year's flight. At least 14 other different individuals were recorded in migration in the Greater Toronto Region.

American Kestrel

The season total of 304 Kestrels was recorded between the dates of September 1st and November 22nd. The bulk of the migration occurred between September 1st and October 2nd with a total of 267 birds recorded. The peak day was September 14th with 70 birds recorded.

Numbers were down this year but it is difficult to pinpoint why.

Merlin

29 birds was observed during the year with observations from September 9th to November 8th. The peak day was September 17th with 7 birds observed. The bulk of the flight occurred between September 17th and October 12th with 23 Merlins recorded.

One of the highlights of the 1995 season was the new high reached in Merlins counted. The total recorded was even more impressive when the fact that High Park is an inland site is factored in. Unlike most raptors, they were seen moving into a strong headwind.

Peregrine Falcon

5 birds were seen from September 14th to November 16th. The peak day was September 21st when 2 Peregrines were recorded.

A good count of this magnificent species - more than doubling last year's total. All the birds observed appeared to be migrants; not locally bred birds.

Unidentified Raptors

The total of unidentified raptors is 170.

Acknowledgements

The success of this year's watch, besides the cooperation of the birds themselves, is due to the dedication of all those assisting in the count. **Norm Murr**, in particular, stands out for his unswerving dedication, good humour and welcoming attitude to all observers and visitors.

Listed in alphabetic order are the names of the most active counters:

Alfred Adamo
Stan Bajurny
Don Barnett
David Beadle
Dan Bone
Hugh Currie
Herb Elliott
Bruce Falls
Jerry Guild
Mike King
Fred Lyonde
Craig MacLauchlan
Naish McHugh
Larry Morse
Norm Murr
Bob Yukich

COMPARISON OF 1994 TO 1995 COUNTS FOR HIGH PARK				
SPECIES	1994	1995	% CHG	# / HR (1995)
TURKEY VULTURE	1711	290	-83.1	1.21
OSPREY	39	28	-28.2	0.12
BALD EAGLE	19	10	-47.3	0.04
NORTHERN HARRIER	277	88	-68.2	0.37
SHARP-SHINNED HAWK	1742	1993	14.4	8.34
COOPER'S HAWK	50	82	64	0.34
NORTHERN GOSHAWK	11	22	100	0.09
TOTAL ACCIPITER	1803	2097	16.3	8.77
RED-SHOULDERED HAWK	161	301	87	1.26
BROAD-WINGED HAWK	9408	3751	-60.1	15.7
RED-TAILED HAWK	2650	2898	9.4	12.13
ROUGH-LEGGED HAWK	10	22	120	0.09
SWAINSON'S HAWK	0	1	N/A	N/A
TOTAL BUTEO	12229	6973	-43	29.18
GOLDEN EAGLE	15	22	46.6	0.09
AMERICAN KESTREL	409	304	-25.7	1.27
MERLIN	15	29	93.3	0.12
PEREGRINE FALCON	2	5	150	0.02
TOTAL FALCON	426	338	-20.7	1.41
UNIDENTIFIED	226	170	N/A	N/A
RAPTOR TOTAL	16745	10016	-40.2	41.9

GREATER TORONTO RAPTOR WATCH

Station: Cranberry Marsh
 Location: Whitby, Ontario, Canada

Species/ Year	1990	1991	1992	1993	1994	1995	Total
Turkey Vulture	886	1,721	772	681	1,869	644	6573
Osprey	76	94	61	33	52	57	373
Bald Eagle	15	20	12	13	11	27	98
Northern Harrier	129	177	129	93	322	157	1007
Sharp-shinned Hawk	1,037	1,846	2,117	1,084	1,296	1,310	8,690
Cooper's Hawk	66	164	132	59	31	57	509
Northern Goshawk	36	37	33	11	9	49	175
Red-shouldered Hawk	81	186	168	16	20	28	499
Broad-winged Hawk	5,631	6,357	1,118	700	11,303	1,477	26,586
Swainson's Hawk	0	0	0	0	0	1	1
Red-tailed Hawk	1,269	1,858	1,483	496	283	1,303	6,692
Rough-legged Hawk	101	222	30	5	17	119	494
Golden Eagle	19	13	8	5	4	21	70
American Kestrel	410	1,086	758	269	661	479	3663
Merlin	21	74	40	17	31	50	233
Peregrine Falcon	21	38	29	13	19	15	135
Gyrfalcon	0	1	0	0	0	0	1
Unidentified Raptors	81	466	352	84	208	171	1362
Season Total	9879	14,360	7242	3579	16,136	5965	57161
Days	43	76	62	56	57	80	374
Hours	200	426	321	182	255	388	1772

Station: High Park
 Location: Toronto, Ontario, Canada

Species/ Year	1993	1994	1995	Total
Turkey Vulture	291	1,711	290	2292
Osprey	5	39	28	72
Bald Eagle	0	19	10	29
Northern Harrier	19	277	88	384
Sharp-shinned Hawk	751	1,742	1,993	4486
Cooper's Hawk	32	50	82	164
Northern Goshawk	10	11	22	43
Red-shouldered Hawk	85	161	301	547
Broad-winged Hawk	261	9,408	3,751	13420
Swainson's Hawk	0	0	1	1
Red-tailed Hawk	781	2,650	2,898	6329
Rough-legged Hawk	6	10	22	38
Golden Eagle	4	15	22	41
American Kestrel	75	409	304	788
Merlin	0	15	29	44
Peregrine Falcon	0	2	5	7
Gyrfalcon	0	0	1	1*
Unidentified Raptors	18	146	170	334
Season Total	2338	16,665	10017	29020
Days	6	36	39	81
Hours	48	100	239	387

Note: An intermediate was seen by B. Yukich on December 2, 1995 at Sunnyside Beach, just south of High Park.

Cranberry Marsh - South Platform - Whitby, Durham R.M. - Ontario - Canada - Fall 1995

DATE HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	COMMENTS	
26-Aug	4																	0		
27-Aug	3	1	1	3										2				7		
1-Sep	5	1	1	6	2			1					2				13			
2-Sep	7	1	2	9	15	8		2	8	6			36	1			90			
3-Sep	4	2	1	2									1				3			
4-Sep	7	2	2	1	5	34			3	3			6				2	55 BE, 1-J / A LISK- 11:32 AM [EST]		
5-Sep	4				5								1				7			
6-Sep	25			2	6								5				14			
9-Sep	9	7	3	1	10	180	6	74		5			70	2	1	14	373 BE, 9:48AM-1A-R PYE/PG- ANATUM			
10-Sep	8	3	1	4	114	3		813		1			31	1	15	15	987 BE, 12:22PM- 1A - B PETTY			
11-Sep	6			1	5								3			1	11	11 SW, 9:52 AM - LIGHT MORPH - J BARKER		
12-Sep	4			1	12								1	2			15			
14-Sep	7			4	13	157		182		3			107			9	475 BE, 12:39 PM - 1A - J BARKER			
15-Sep	4			1	5	19		260		1			4			290				
16-Sep	7			4	1	24	1						7	2		1	42			
17-Sep	7			2	1	139	5	12		7			48	2	4	4	233 BE, 12:22 PM - 1A - J BARKER/ 3:45 pm - 3YR - PHIL HOLDER			
18-Sep	6			9	1	8	33	4		10			27	1		1	95			
19-Sep	3			1	2	3				3			2				4			
20-Sep	1			1	2								2				4			
21-Sep	5			1	3	9				2			1			1	27	27 BE, 8:35 AM - JUV - M BO / 11:56AM - UE - GORD GALLET		
23-Sep	7			2	1	8	114	4		15			4	4	2	2	326	NH, MALE - 1 / BE, 2:30PM - 1A / GE, 2PAIRS - 2 PM R SHILL & M STREET		
24-Sep	6			1	1	17							6	3			31			
26-Sep	2					3							1				4			
27-Sep	7			2	1	8	37	3		9			12	1	1	3	102	NH, MALE - 1 / BE, 2ND YR - 10:45 AM		
28-Sep	6			10	3	8	37	9		15			7	2		5	96			
29-Sep	7			8	2	1	36			7			1			55				
30-Sep	6			4	9	1	16						3	1	4	2	41	PG, ANATUM - AD-1		
Total	27	145	102	41	10	103	1028	35	2	1477	87	0	4	421	25	8	1	62	3408	

Cranberry Marsh - South Platform - Fall 1995

DATE HRS	TV	OS	BE	NH	SS	CH	NG	RS	BW	RT	RL	GE	AK	ML	PG	OT	UR	TOTAL	COMMENTS		
1-Oct	6	94	1	4	23	1	1			2			1				2	129			
2-Oct	8	1	1	3	13			1					18				1	39	NH, Male - 2		
3-Oct	4	14	2	4	16			1		1			1				35				
4-Oct	5	2	2	1	7								1	1			12	PG, adult-1			
5-Oct	3			2	12	1				3			4				22				
6-Oct	4			3	1												4				
7-Oct	4			1	2					1							7				
8-Oct	4			1	2			2					1	1		2	18	CH 1 - Going East			
9-Oct	7			1	20	1				5			2				163				
10-Oct	6			1	4	19	2			14			2			5	141	BE, 1st Yr - 9:45am			
11-Oct	5			6	1	3							1				12				
12-Oct	45			3	7					2			1				16	NH, Male - 3, ML - 1 - T. Local			
13-Oct	6			76	2	29	1						1	1		1	112	NH, Male-1, PG, ad., TV- 32 Largest Group			
14-Oct	2				5	1											6				
15-Oct	5			36	1	3		2		1			2	4		1	50	RS, 1 - Going East			
16-Oct	5			23	1	9				2			21	7	1	1	66	BE, 10:05 am - 2nd yr			
17-Oct	6			6		14	1			7			2			4	36				
18-Oct	3									17				1			0				
19-Oct	4			1	5	4	2			11						2	32	NH, male-1			
20-Oct	4			9		1	3			4							24				
22-Oct	5			1						4							5				
23-Oct	6.5				1					4						1	6	ML, Going East - 1			
24-Oct	4				1					4							2				
25-Oct	5				2					4			1	1		1	9	GE, ad - 10:20 - M. Boudreau / PG, ad			
26-Oct	4				5					2			3				11	RL, 1 - LM, 2 - DM			
27-Oct	2				2					2							4				
28-Oct	5			10	1	8	1	1					1	2	1	1	26	GE 11:26am - 4:pm - Juv / BE, 2nd yr - 11:50am			
29-Oct	7			16	1	1	2	22	4	11	11		21	10		1	28	622 GE, 11:49- ad 12:04 12:25 12:33 1:10 1:25 1:38 1:55 2:12 2:27 - Juv			
30-Oct	5.5			2	1	3		2		73			19			8	108	BE, 2 - 1st yr - 10:30am			
31-Oct	3				1	1		2									3				
Total	30	143	522	16	6	32	242	18	21	14	0	650	48	13	53	22	7	0	56	1720	

