

**CALGARY  
BIRDS  
1984**



T H E   B I R D S   O F   T H E   C A L G A R Y   A R E A

1 9 8 4

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SOLITARY VIREO TO LARK BUNTING

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### ABBREVIATIONS

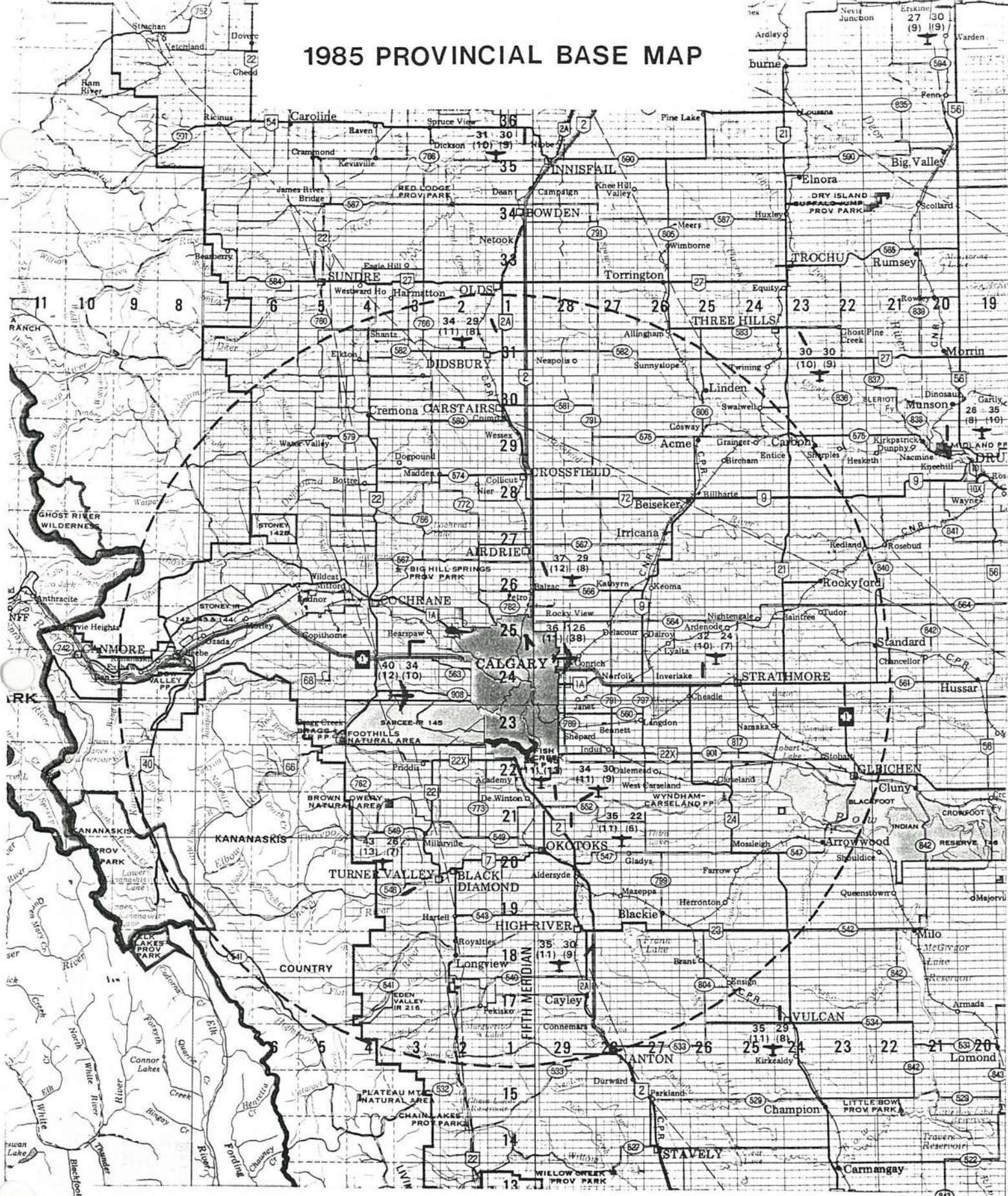
Bird Sanctuary = BS  
Breeding Bird Survey = BBS  
Christmas Bird Count = CBC  
Calgary Field Naturalists' Society = CFNS  
National Park = NP  
Natural Area = NA  
Provincial Park = PP  
Reservoir = Res  
Wildlife Reserve of Western Canada = WRWC

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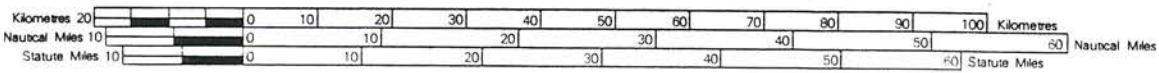
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# 1985 PROVINCIAL BASE MAP



Scale - 1:1 000 000



TOP OF THE WORLD

PICTURE SHAUGHNESSY

## OBJECTIVE

The 1984 annual report on birds of the Calgary area is intended as a report on observations of local interest. Each species is dealt with in some detail and, for the Calgary area birder, each species account should be of interest. This report is the third consecutive of its kind. Previous reports covered 1982 and 1983

A report of this kind serves an important function in synthesizing the year's field data sheets and forms. The information as herein presented is significantly more available and easier to use than raw data. As stated by Sadler & Myres (1976) "With the appearance of the Victoria Natural History Society's Annual Bird Report for Southern Vancouver Island 1970 (1971 & 1972) and the Vancouver Natural History Society's Vancouver Birds in 1971 we have witnessed the initiation of annual, printed, booklets on the birds of a region of Western Canada, on a hopefully continuing basis. Alberta should be able to produce similar reports, as suggested later". "A secondary reason for this publication is to provide a model for future annual or biennial reports on the birds of Alberta that will place on permanent record data additional to that recorded here for 1961-70."

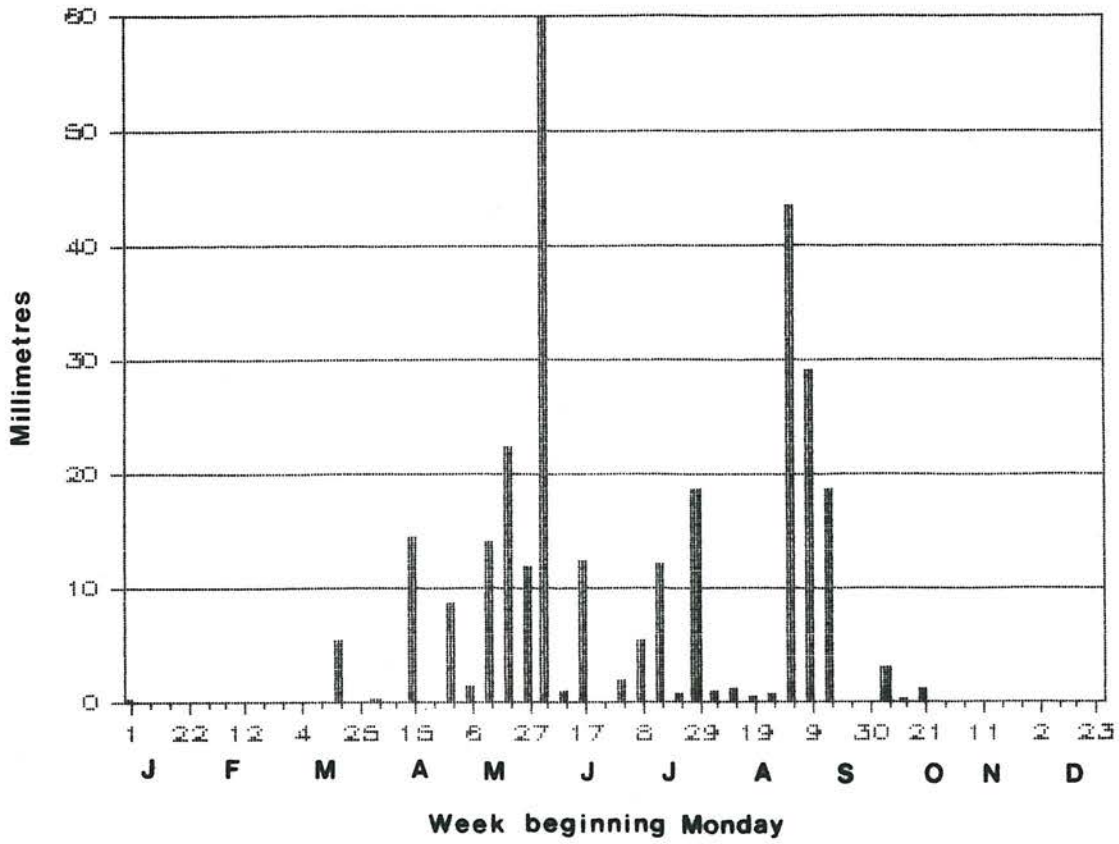
It is also hoped that this publication serves to encourage both ornithological observation in the Calgary area and the submission of those observations to the Calgary Field Naturalists' Society.

## STUDY AREA

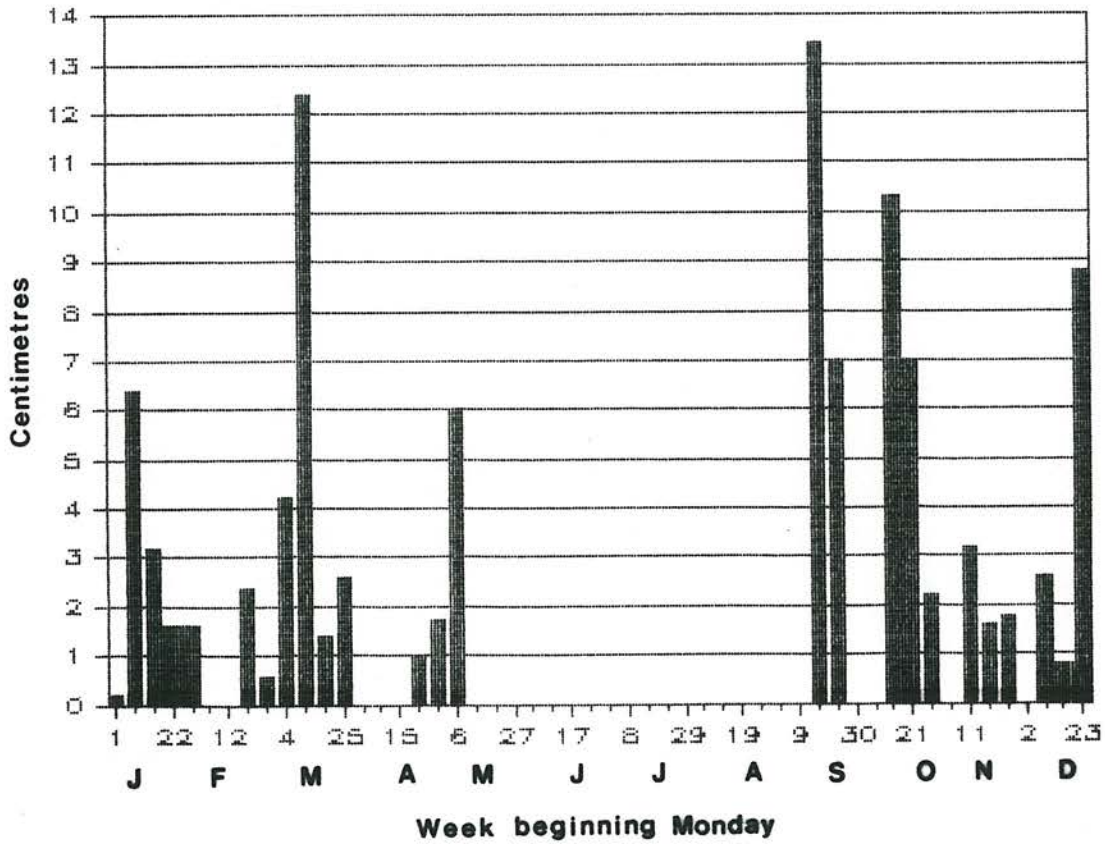
The area from which observations were considered is a circle with 80 kilometre (50 mile) radius from Calgary and is illustrated by the map opposite. This map is a portion of the 1985 Alberta Provincial Base Map. The scale is 1 cm = 10 kilometers (1" = 16 miles). For the most part observations were limited to this area. However, interesting records outside the Calgary area which we considered to have little likelihood of publication elsewhere have been included.

A gazetteer of locations mentioned in this report is included as Appendix II. Locations are specified by Township and Range. Note that the fifth meridian roughly divides the 80 kilometre circle in half.

## WEEKLY RAINFALL



## WEEKLY SNOWFALL



## OBSERVATIONS

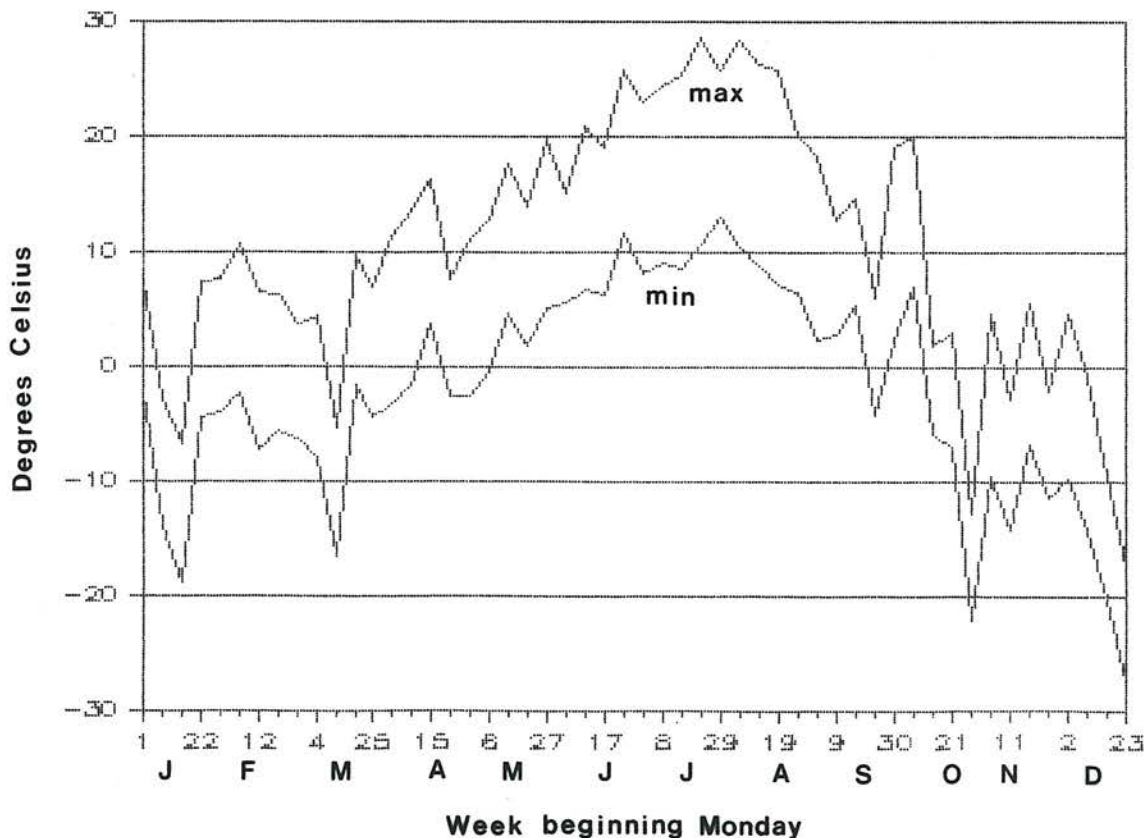
The majority of the records considered are in the files of the Calgary Field Naturalists' Society (CFNS) at Inglewood Bird Sanctuary. Other records reported to the compilers verbally and considered valid have also been included.

Many rare, vagrant and accidental species require descriptive notes to increase the credibility of the record. Unfortunately, few records in this report are so supported. Many rare bird descriptions which were available are included in an appendix of this report.

## WEATHER

Detailed data on the weather for 1984 is available from Environment Canada in its publication Annual Meteorological Summary 1984 Calgary, Alberta. Average weekly minimum and maximum temperatures are plotted below. Weekly snowfall and rainfall are graphed on the facing page.

### AVERAGE WEEKLY TEMPERATURE





## SPECIES ACCOUNTS NOMENCLATURE

Each species account contains the following:

1. Common and scientific names according to the American Ornithologists' Union 1983, Check-list of North American Birds 6th Edition.

2. May Species Count (26 & 27 May), Calgary Christmas Bird Count (16 Dec.) and Wildlife Reserve of Western Canada Christmas Bird Count (30 Dec.). For example 160,0,6 reads 160 on the MSC, 0 on the Calgary CBC and 6 on the WRWC CBC.

3. Discussion of the year's records. This section is quite variable due to the variety of compilers and species. In general individual records are specified as follows: 29 April Inglewood BS (2) DE which reads: On 29 April at Inglewood Bird Sanctuary two were observed by D.Elphinstone.

For some species, data is presented as a chart showing number of records and/or number of birds per month. For example (12) 5 reads twelve birds seen in five observations.

For other species, data is presented as five or ten day averages etc. The figure presented is the average number seen when seen. For example, if a species is noted on four dates in a ten day period, and the numbers were 6,8,2,4 then the ten day average is 5.

## UNUSUAL RECORDS

Many records of rare species for which descriptive notes were submitted have had descriptive notes included in Appendix I of this report. These extra details are, of course, also available in the files of the Calgary Field Naturalists' Society

## SPECIES ACCOUNTS

Pacific Loon *Gavia arctica* 0,0,0

All available records are 12 May Burnstick Lake (1) HH, 14-28 Oct. Glenmore Res (1-3) AS,DC,WW; 21 Oct. Ghost Lake/Morley (1) DC,JP.

Common Loon *Gavia immer* 8,0,0

The first record was 18 April Glenmore Res (3) AS. A spring peak occurred around the first week of May. The first record for fall was on 29 Sept. Lake Minnewanka (1) JS. A fall peak occurred on 19 Oct. Glenmore Res (12) DC. The last record for the year was on 31 Oct. Inglewood BS (1) HP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(44)	18	Sept.	(1)	0
Feb.	(0)	0	June	(8)	6	Oct.	(54)	5
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(25)	7	Aug.	(0)	0	Dec.	(0)	0

Pied-billed Grebe *Podilymbus podiceps* 3,0,0

The first record of the year was on 20 April Glenmore Res (1) AW. Numbers steadily increased in Aug. to reach a fall peak on 12 Oct. Glenmore Res (20) ES. The last record of the year was on 16 Oct. Glenmore Res (1) VF. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(14)	10	Sept.	(21)	10
Feb.	(90)	0	June	(5)	3	Oct.	(33)	8
March	(0)	0	July	(17)	3	Nov.	(0)	0
April	(0)	0	Aug.	(12)	6	Dec.	(0)	0

Horned Grebe *Podiceps auritus* 29,0,0

From the first record of the year on 15 April Bruce Lake (4) WW et al numbers gradually increased to a spring peak at the end of the first week of May. Some spring high counts were: 5 May Namaka Lake (20) DE, 6 May Bruce Lake area (20) AS and CFNS, 6 May Irricana Sloughs (20) AS and CFNS, 7 May Inglewood BS (9) RWS, DC. There were very few records in Aug. Numbers increased to a fall peak on 27 and 28 Oct. with (110) in 8 sightings. Some fall high counts: 15 Oct. Glenmore Res (30) JT; 28 Oct. Glenmore Res (40) WW,DC,AS,RW. The last record of the year was on 10 Nov. Inglewood BS (3) WW. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(264)	46	Sept.	(35)	8
Feb.	(0)	0	June	(27)	8	Oct.	(262)	42
March	(0)	0	July	(16)	6	Nov.	(15)	8
April	(96)	19	Aug.	(6)	2	Dec.	(0)	0

Red-necked Grebe*Podiceps grisegena*

14,0,0

The year's first record was on 20 April Glenmore Res (2) DC. Spring migration was heaviest from 5 May to 12 May with (63) in 8 sightings. The highest count of spring was on 12 May Irricana (18) JS et al. Young were recorded on 8 July Kangienos Lake (4ad 4y)JP. Fall migration passed almost unnoticed without a peak. The year's last records were 28 Oct. Glenmore Res (2) WW,AS,DC and Carburn Park (1) AS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(102)	18	Sept.	(6)	3
Feb.	(0)	0	June	(4)	3	Oct.	(20)	18
March	(0)	0	July	(37)	7	Nov.	(0)	0
April	(50)	0	Aug.	(36)	5	Dec.	(0)	0

Eared Grebe*Podiceps nigricollis*

18,0,0

The first records of the year were on 15 April; Glenmore Res (1) AS, Sadler Slough (4) PM,Irricana (9) JS. The spring migration was heaviest in mid-May with some high counts being: 6 May Irricana Sloughs (40) WW, 20 May Keoma-Namaka (2,009) JS et al, 21 May Namaka area (30) CC et al. Summer evidenced good numbers: 3 June and 12 Aug. Namaka Lake (75) CC and (200) AS, 12 Aug. Eagle Lake (100) AS. The largest number recorded in fall was 14 Oct. Namaka Lake (30) JT. The year's last record was on 31 Oct. Inglewood BS (1) HP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(387)	33	Sept.	(23)	5
Feb.	(0)	0	June	(83)	3	Oct.	(93)	22
March	(0)	0	July	(34)	4	Nov.	(0)	0
April	(54)	0	Aug.	(307)	4	Dec.	(0)	0

Western Grebe*Aechmophorus occidentalis*

0,0,0

The first record of the year was on 25 April Glenmore Res (1) CC et al. Spring migration was heaviest from 7-13 May with (306) recorded in 4 sightings. Some high counts: 7 May Glenmore Res (150) CC, 13 May Namaka Lake (100) WW et al, JS et al. There were fair numbers in summer with a high count on 12 Aug. Namaka Lake (100) AS. Sept. was quiet with only two sightings: 25 Sept. Glenmore Res (45) DC and 30 Sept. Glenmore Res (1) RC. The first two weeks of Oct. were the fall peak. Some high counts were 7 Oct. McGregor Lake (350) LMG, JP and 27 Oct. Glenmore Res (25) RWS et al. This year's last record was on 22 Nov. Carburn Park (1) LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(372)	11	Sept.	(46)	2
Feb.	(0)	0	June	(89)	3	Oct.	(574)	50
March	(0)	0	July	(8)	3	Nov.	(35)	21
April	(16)	5	Aug.	(126)	5	Dec.	(0)	0

American White Pelican*Pelecanus erythrorhynchos*

0,0,0

All available records are: 13 May Namaka Lake (4) WW, JS et al, 26 May Namaka Lake (3) JS et al.

Double-crested Cormorant*Phalacrocorax auritus*

42,0,0

The year's first record was on 22 April Irricana Sloughs (3) CC et al. The highest number recorded was on 2 June Irricana (35) JS et al. The last record of the year was on 9 Sept. at McKinnon Flats (19) VF. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(75)	11	Sept.	(3)	3
Feb.	(0)	0	June	(47)	7	Oct.	(0)	0
March	(0)	0	July	(67)	8	Nov.	(0)	0
April	(3)	1	Aug.	(14)	3	Dec.	(0)	0

American Bittern*Botaurus lentiginosus*

1,0,0

All available records follow: 5 May Irricana Sloughs (1) JS, 27 May Bruce Lake (1) MC et al, 6 June Swanson Hills (1) JP, 2 Aug. Inglewood BS (1) ES, 6 Aug. Sadler/Irricana (1) JS et al.

Great Blue Heron*Ardea herodias*

19,0,0

There were two wintering birds this year: 15 Jan. Carburn Park (2) RC. Spring migration was first noted on 24 March Carseland area (1) PM. No great numbers were recorded during the passage northward. All breeding records are: 1 April Fish Creek PP (2) on nest KJones et al, 17 April Fish Creek PP (11) on nest LMG, 15 May High River area (35) at rookery DE, 26 July Cochrane (3) on nests AF. Numbers gradually faded in fall with only two birds left in the area on 25 Nov. at Cominco NA AS and CFNS. Numbers of birds and records by month are listed over:

Jan.	(2)	1	May	(91)	32	Sept.	(25)	17
Feb.	(0)	0	June	(4)	4	Oct.	(7)	4
March	(4)	4	July	(33)	13	Nov.	(3)	2
April	(31)	10	Aug.	(28)	12	Dec.	(0)	0

Black-crowned Night-Heron*Nycticorax nycticorax*

7,0,0

The spring migration began with an early bird at Inglewood BS on 8 April E&CJ. The next sighting was on 6 May Bruce Lake area (2) AS and CFNS. No concentration was recorded in spring but summer witnessed some interesting highs: 23 July Sadler Slough area (16) JS and 9 Aug. Sadler Slough (12) JS. Numbers gradually faded to the year's last sighting on 20 Oct. Glenmore Res (1) RWS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(26)	15	Sept.	(1)	1
Feb.	(0)	0	June	(9)	4	Oct.	(3)	2
March	(0)	0	July	(28)	7	Nov.	(0)	0
April	(2)	2	Aug.	(37)	7	Dec.	(0)	0

Tundra Swan*Cygnus columbianus*

6,0,0

With the Mallard, the Tundra Swan is the water bird showing the largest concentrations, with (27,663) recorded in 149 sightings for a ratio of 185.7 birds per sighting compared to 106.2 for the Mallard. The year's first record was on 18 March Kathryn/Bruce Lake (3) J&PT. The peak of spring migration occurred during the second third of April. Some high counts were 14 April Lloyd Lake (1,800) ES et al, 14 April Namaka Lake (3,000) JS and 15 April Lloyd Lake (2,000) AS. The last sighting of the northward passage was on 26 May Lloyd Lake (6) ES et al. The first fall record was on 14 Oct. Eagle Lake (17) JT. Fall numbers were much smaller than in spring with only (1,045). The southward passage was around the third week of Oct. peaking on 21 Oct. Eagle Lake (500) RC. The last record for the species was on 14 Nov. Lowery Gardens (1) ES. Numbers of birds and records by ten day periods during spring and fall passage are listed below:

	1-10		11-20		21-29/30/31	
March	(0)	0	(5)	2	(329)	17
April	(9,000)	28	(13,000)	37	(2,000)	13
May	(54)	10	(4)	2	(6)	1
Oct.	(0)	0	(92)	7	(0)	0
Nov.	(259)	15	(1)	1	(0)	0

Trumpeter Swan*Cygnus buccinator*

0,0,0

All available records are: 9 April Lloyd Lake (6) ES et al, 14 April Lloyd Lake (4) ES et al, 29 April Cochrane Lake (1) DC et al, 5 May Irricana (2) JS, 20 May Keoma (1) JS, 26 May Irricana (1) JS, 27 Oct. Glenmore Res (6) RWS et al.

Greater White-fronted Goose *Anser albifrons*

0,0,0

11 available records are: 20 Sept. Brentwood (1) JP, 7 Oct. McGregor Lake LMG et al.

Snow Goose

*Chen caerulescens*

0,0,0

The year's first record was on 31 March Carburn Park (1) RC. Most of the Snow Goose migration occurs in the centre of the prairies, Calgary getting only fringe numbers. The record following from the south-east part of the province shows what kind of numbers pass through east of our area: 31 March Tyrrell Lake (25,000) DE. Some of the spring high numbers in our area: 15 April Lloyd Lake (30) LMG et al, 15 April Irricana (25) DE et al, 21 April Sheerness/Hanna (20) RWS et al. The last spring record was on 19 May Lloyd Lake area (1) ES et al. The first fall record was on 7 Oct. Glenmore Res (1) RC. The fall passage peaked on 21 Oct. (50) Eagle Lake RC. The last records were on 28 Oct. at Glenmore Res (9) LMG and Carburn Park (16) AS.

Brant

*Branta bernicla*

0,0,0

The only available records are 21 & 28 Oct. Glenmore Res (1) CW et al IH. This is an accidental species in Alberta and sightings need to be well documented. To date no details regarding this bird have been filed with the CFNS-ED

Canada Goose

*Branta canadensis*

415,25,0

This common species was present every month. There were some wintering birds recorded at Carburn Park and at Inglewood BS. The spring passage was first observed on 11 March Carburn Park (B1) RC. Good numbers were recorded throughout April with some highs being 4 April Carseland (360) LMG, 7 April Namaka Lake (500) JS et al, 15 April Conrich (550) LMG, 20 April Glenmore Res (100) DC, 20 April Lloyd Lake (100). Fair numbers occurred most of the summer with goslings recorded on the following occasions: 7 May Inglewood BS (2a 8j) LMG, 23 May Sadler Slough (2a 8j) HP et al, 25 May Sadler Slough (5a 20j) LMG, 26 May Fish Creek PP (21a 16j) HP. One albino was found dead on 29 Sept. at Dyen by DB. Fall numbers started to build up in the second half of Sept. and peaked during the last half of Oct. and the first week of Nov. Some highs were: 14 Oct. Namaka Lake (1,000) DC, 14 Oct. Glenmore Res (800) RC, 20 Oct. Glenmore Res (800) RC, 2 Nov. Carburn Park (1,000) DD. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(10)	3	(4)	2	(5)	2
Feb.	(8)	2	(11)	4	(0)	0
March	(11)	3	(739)	22	(2676)	46
April	(2744)	49	(1769)	40	(646)	35
May	(413)	35	(421)	36	(620)	37
June	(126)	12	(61)	6	(0)	0
July	(7)	1	(2)	1	(260)	6
Aug.	(55)	3	(267)	6	(66)	6
Sept.	(165)	11	(861)	15	(1170)	15
Oct.	(3667)	16	(8522)	29	(6356)	26
Nov.	(7173)	26	(564)	5	(215)	3
Dec.	(120)	3	(25)	1	(4)	1

Wood Duck

*Aix sponsa*

0,0,0

All available records are : 24 March Carseland (1 pair) JT, 24 March Inglewood BS (1 male) DE et al, 25 March Carseland (1 pair) K&LJ, 12 April Beauvre Lake (1 male) LMG et al, 17 April Glenmore Res (1 female) LMG, 21 April Beauvre Lake (1 male) WW et al, 28 April Big Springs Cr. (1 pair) PS, 3 May Fish Creek PP (1 female) CW, 1 July Inglewood BS (5) WW.

Green-winged Teal*Anas crecca*

19,2,0

Two overwintered: 2 Jan. Carburn Park (1 female) ES et al, 8 Jan. Carburn Park (2) AS. The first spring records were: 17 March Carburn Park (2) RC, 1 April Irricana Sloughs (2) J&PT. Northward birds were most numerous around mid-April and the first week of May. Fall migration was lighter than spring. The year's last sighting except for the Calgary CBC was (3) on 25 Nov. at Cominco MA by AS & CFNS. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(3)	2	(0)	0	(0)	0	
Feb.	(0)	0	(0)	0	(0)	0	
March	(0)	0	(2)	1	(0)	0	
April	(58)	10	(382)	27	(276)	29	
May	(330)	19	(170)	15	(20)	7	
June	(12)	4	(7)	1	(4)	3	
July	(0)	0	(1)	1	(10)	1	
Aug.	(0)	0	(1)	1	(12)	3	
Sept.	(64)	4	(56)	4	(6)	3	
Oct.	(5)	1	(17)	3	(4)	2	
Nov.	(10)	5	(13)	5	(3)	1	
Dec.	(0)	0	(2)	1	(0)	0	

American Black Duck*Anas rubripes*

0,1,0

The only record other than the Calgary CBC was 29 July Bruce Lake (1) DE et al.

Mallard*Anas platyrhynchos*

400, 11792, 1

Present in good numbers year-round. Like many water birds breeding evidence was sparse probably because of the drought that plagued southern Alberta during the summer. All available breeding records are: 12 May Fish Creek PP (1 on nest - 11 eggs) PM, 30 May Prince's Island (12ad - 11j) DS. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(1,761)	7	(800)	2	(225)	4	
Feb.	(2,535)	8	(5,556)	13	(540)	3	
March	(2,041)	11	(3,731)	19	(3,287)	48	
April	(2,398)	53	(2,974)	53	(1,124)	46	
May	(904)	36	(869)	54	(658)	51	
June	(138)	19	(366)	16	(49)	7	
July	(30)	6	(40)	4	(246)	15	
Aug.	(55)	2	(660)	15	(406)	18	
Sept.	(169)	3	(839)	17	(513)	17	
Oct.	(1,038)	18	(1032)	25	(4,609)	29	
Nov.	(7,595)	29	(5,041)	9	(3,175)	3	
Dec.	(2,750)	6	(11,792)	1	(191)	4	

Northern Pintail*Anas acuta*

53,0,0

There was a wintering record on 9 Feb. Carburn Park (1) OD. At the same location RC sighted one bird on 11 March. The first records of spring migration were: 24 March at Cheadle, Carseland and Namaka with (11), (25) and (5) respectively LMB, PM, JT, JS. The northward passage peaked around mid-April, the highest numbers being recorded east of Calgary with some high counts: 14 April Lloyd Lake, Irricana Sloughs and Namaka (500), (500), (500) ES et al, CD, JS respectively. Summer numbers were small with young recorded on only 23 May Sadler Slough (6a 5j) LMB. Fall records were much less numerous than in spring. The southward peak was on 25 Nov. Cominco NA (1) AS and CFNS. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(0)	0	(0)	0	(0)	0
Feb.	(1)	1	(0)	0	(0)	0
March	(0)	0	(1)	1	(2,732)	16
April	(1,710)	2	(3,838)	34	(693)	25
May	(419)	19	(220)	27	(163)	25
June	(30)	6	(33)	4	(15)	1
July	(0)	0	(0)	0	(15)	3
Aug.	(4)	1	(4)	4	(75)	1
Sept.	(3)	1	(13)	2	(9)	2
Oct.	(80)	4	(12)	2	(28)	4
Nov.	(8)	5	(3)	2	(1)	1
Dec.	(0)	0	(0)	0	(0)	0

Blue-winged Teal*Anas discors*

175,0,0

One winter record on 3 Feb. Carburn Park (2) DE. The first spring record was 15 April Sadler Slough (1 male) PM. From this date the numbers steadily increased to peak around mid-May: 12 May Cheadle area (50) AS. The Blue-winged Teal is one of the few water bird species to show larger numbers in fall than spring. Those numbers were due to quite high post-breeding concentrations east of the city: 12 Aug. Namaka Lake (500) AS, 12 Aug. Eagle Lake (200) AS. The last record of the year was on 28 Oct. Glenmore Res (1) WW, LMG. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(0)	0	(0)	0	(0)	0
Feb.	(2)	1	(0)	0	(0)	0
March	(0)	1	(0)	0	(0)	0
April	(0)	0	(33)	6	(156)	19
May	(194)	21	(461)	134	(380)	35
June	(64)	8	(87)	9	(46)	2
July	(8)	2	(7)	3	(28)	5
Aug.	(43)	3	(719)	5	(26)	3
Sept.	(20)	3	(101)	3	(0)	0
Oct.	(8)	3	(10)	1	(2)	2
Nov.	(0)	0	(0)	0	(0)	0
Dec.	(0)	0	(0)	0	(0)	0

Cinnamon Teal*Anas cyanoptera*

14,0,0

This species was recorded from 17 April Glenmore Res (1 pair) LMB to 29 July Irricana/Chestermere (4) DE et al when the males were still easily identifiable. The spring migration peaked on 14 May Glenmore Res (10) JT, DC. No breeding evidence was recorded. A hybrid was reported on 27 May Pakowki Lake (1xBlue-winged Teal) DE and class. Some of the year's records of interest are: 5 May Namaka Lake (7) DE, 22 May Sadler Slough (6) RWS et al, 27 May Irricana area (5) RC, 3 June Antenna Sloughs (4) AS 2 July DeWinton Bluebird Trail (1) DS. A total of (136) were recorded in 49 sightings during the year.

Northern Shoveler*Anas clypeata*

92,0,0

The year's first records were 4 April at Carseland, Irricana and McElroy's Slough with counts of (5), (1) & (1) respectively LMG, DE. The spring peak quickly followed during the second and third weeks of April: 14 April Namaka (50) JS, 15 April Glenmore Res (60) AS, 15 April Lloyd Lake (70) LMG et al, 22 April Namaka Lake (90) ES et al. Good numbers were recorded through the end of April and all of May. There were very few records in summer. The only breeding evidence recorded was on 14 Oct. Sadler Slough (9a 6y) LMG. Fall migration brought smaller numbers than in spring despite the higher concentrations with two noteworthy records: 12 Aug. Namaka Lake (200) AS, 12 Aug. Eagle Lake (100) AS. The last record of the year was on 28 Oct. Carburn Park (6) AS. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(13)	5	(690)	30	(477)	23
May	(440)	19	(348)	21	(237)	20
June	(59)	9	(12)	3	(10)	1
July	(0)	0	(3)	2	(14)	5
Aug.	(1)	1	(310)	5	(2)	1
Sept.	(0)	0	(2)	1	(14)	5
Oct.	(0)	0	(25)	3	(20)	4
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Gadwall*Anas strepera*

140,1,0

This species was present every month of the year. There were (3) wintering birds at Carburn Park RC, DE, JT, LMG. The spring passage was first noted on 24 March Carseland (2) JT, 25 March Carseland (10) K&LJ. Numbers gradually increased through April and May peaking on 26 May Lloyd Lake (100) ES et al. There were no breeding records. Fall numbers were deceptively low probably due in part to the difficulty in identifying Gadwalls during the eclipse period. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(0)	0	(2)	1	(0)	0
Feb.	(8)	3	(2)	2	(0)	0
March	(0)	0	(4)	2	(14)	3
April	(9)	5	(137)	17	(117)	10
May	(108)	15	(206)	21	(244)	21
June	(46)	7	(18)	5	(13)	2
July	(2)	1	(1)	1	(75)	6
Aug.	(2)	1	(104)	3	(4)	1
Sept.	(0)	0	(0)	0	(7)	2
Oct.	(11)	2	(38)	5	(13)	6
Nov.	(15)	5	(8)	1	(2)	1
Dec.	(0)	0	(1)	1	(0)	0

Eurasian Wigeon*Anas penelope*

0,0,0

All available records are: 28 March Bowmont/Bearspaw (1) JP, 1 April Irricana Sloughs (1) J&PT, 8 April Irricana Sloughs (1) WW, 12 April Beaupre Lake (1) JP et al, 13 April Glenmore Res ((1) 14 April McDonald Lake area (1) JP et al.



American Wigeon*Anas americana*

62,2,0

This species was present every month of the year. Two wintering birds were sighted in Carburn Park in Jan. and Feb. The spring migration was first noted during the last week of March and peaked in mid-April: 8 April Irricana Sloughs (100) WW, 14 April Lloyd Lake (750) ES et al, 14 April Irricana area (200) CC, 14 April Namaka Lake (200) JS. Some of the few July records are: 15 July DeWinton Bluebird Trail (2) DS, 23 July Irricana Sloughs (7) LMG et al, 28 July Fish Creek PP (8) ES et al. Fall records were unimpressive except for 14 Oct. Namaka Lake (3,000) JT. The numbers diminished rapidly from the beginning of Nov. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(2)	1	(0)	0	(0)	0	
Feb	(2)	1	(1)	1	(0)	0	
March	(0)	0	(1)	1	(389)	20	
April	(910)	33	(3,000)	39	(780)	29	
May	(632)	18	(309)	31	(166)	25	
June	(42)	10	(27)	4	(5)	3	
July	(0)	0	(4)	2	(47)	6	
Aug.	(0)	0	(123)	5	(4)	2	
Sept.	(32)	2	(30)	4	(61)	3	
Oct.	(61)	4	(3,523)	9	(250)	20	
Nov.	(86)	2	(8)	1	(3)	2	
Dec.	(0)	0	(2)	1	(0)	0	

Canvasback*Aythya valisineria*

62,0,0

The year's first records were 24 March Carseland (1) JT & Inglewood BS (1) DE et al. The spring migration peaked around mid-April with good numbers recorded east of the city: 14 April Irricana (150) CC, 14 April Namaka (100) JS, 15 April Lloyd Lake (140) LMG et al. It is noteworthy that no Canvasbacks were recorded in Sept. and that all of the fall passage appeared to occur in Oct. The year's last records were: 28 Oct. Glenmore Res (3) RWS, WW, LMG, 28 Oct. Carburn/Riverbend Park (3) AS. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb	(0)	0	(0)	0	(0)	0	
March	(0)	0	(0)	0	(20)	6	
April	(132)	11	(864)	25	(293)	12	
May	(202)	13	(30)	7	(130)	14	
June	(162)	4	(0)	0	(10)	1	
July	(0)	0	(6)	1	(58)	5	
Aug.	(0)	0	(110)	3	(30)	1	
Sept.	(0)	0	(0)	0	(0)	0	
Oct.	(70)	2	(54)	8	(44)	9	
Nov. - Dec.	(0)	0	(0)	0	(0)	0	

Redhead*Aythya americana*

38,0,0

It is interesting to note that the first record of the year of both Redhead and Canvasback occurred in the same location and on the same date: 24 March Carseland (1) JT. From then numbers gradually increased to peak during the last week of April: 22 April Lloyd Lake (100) ES et al, McElroy's Slough (60) ES et al, Irricana (50) CC et al, 27 April Glenmore Res (50) IH. There were only two records in Aug. and Sept: 12 Aug. Irricana area (6) DE and class, 25 Sept. Glenmore Res (4) DC. Most of the fall passage occurred in Oct. with a high count on 14 Oct. Eagle Lake (100) JT. The year's last record was on 8 Nov. Carburn (2) AS. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(16)	5
April	(56)	8	(202)	0	(362)	13
May	(216)	13	(140)	18	(90)	13
June	(80)	4	(10)	1	(0)	0
July	(0)	0	(2)	1	(21)	3
Aug.	(0)	0	(6)	1	(0)	0
Sept.	(0)	0	(0)	0	(4)	1
Oct.	(85)	2	(120)	5	(29)	6
Nov.	(4)	3	(0)	0	(0)	0
Dec.	(0)	0	(0)	0	(0)	0

Ring-necked Duck*Aythya collaris*

28,0,0

The year's first record was on 28 March Bowmont/Bearspaw (1 pair) JP while the second didn't occur until 14 April Namaka (6) JS. In the last week of April and all of May good numbers were seen: 22 April McElroy's Slough (20) ES et al, 6 May Irricana Sloughs (20) AS and CFNS. 14 May Glenmore Res (30) JT, 27 May WRNC area May count (19) DC et al. All the records from Aug. onwards are: 6 Aug. Sadler/Irricana (12) JS, 8 Sept. Sadler Slough (2) JS, 19 Sept. Glenmore Res (1) LMG, 20 Oct. Glenmore Res (1) VF, 21 Oct. Seebe/Canmore (1) DC et al, 21 Oct. Ghost/Morley (1) DC et al, 28 Oct. Carburn/Riverbend Park (1) AS, 31 Oct. Inglewood BS (1) HP. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.-March	(0)	0	(0)	0	(0)	0
April	(0)	0	(31)	9	(76)	7
May	(44)	6	(54)	8	(36)	5
June	(40)	6	(16)	2	(2)	1
July	(3)	1	(1)	1	(4)	2
Aug.	(12)	1	(0)	0	(0)	0
Sept.	(2)	1	(1)	1	(0)	0
Oct.	(0)	0	(0)	0	(5)	5
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Greater Scaup*Aythya marila*

0,0,0

All available records follow: 15 April (5) JS, 26 April McGregor Lake (4) LMG, 5 May Irricana (2) JS, 18 May Lake Newell area (1 pair) LMG, 4 Nov. Carburn Park (2) NW, RWS, 4 Nov. Inglewood BS/Pearce Est. (1) RWS, 6 Nov. Riverbend Park (3) AS, 10 Nov. Riverbend Park (1) RWS et al.

Lesser Scaup*Aythya affinis*

145,1,0

species was recorded every month of the year. The spring's first increase in numbers occurred during the last of March with the major peak occurring during the first of May. Some maxima: 22 April McElroy's Slough (100) ES et al, 22 April Irricana Sloughs (100) CC et al, 27 April Glenmore Res (90) IH, 5 May Irricana Sloughs (100) JS, 6 May 6 Bruce Lake area AS and CFNS, 6 May Irricana Sloughs (100) AS and CFNS, 19 May Lloyd Lake area (125) ES et al. The fall passage consisted of steadily increasing numbers from mid-Sept. through the last third of Oct. with the highest concentration recorded at Glenmore Res. Fall highs: 24 Oct. Glenmore Res (50) DC, 28 Oct. Glenmore Res (100) RWS, DC, 31 Oct. Carburn Park (50) DC. Numbers of birds and records during ten day periods are listed below:

	1-10		11-20		21-29/30/31	
Jan.	(6)	3	(0)	0	(4)	3
Feb.	(5)	2	(3)	1	(0)	0
March	(3)	1	(0)	0	(10)	3
April	(98)	14	(492)	19	(621)	19
May	(661)	15	(605)	21	(307)	20
June	(122)	8	(47)	4	(6)	2
July	(42)	2	(20)	1	(56)	4
Aug.	(12)	1	(20)	1	(40)	1
Sept.	(0)	0	(5)	3	(15)	6
Oct.	(32)	7	(184)	19	(959)	27
Nov.	(71)	18	(21)	4	(2)	2
Dec.	(0)	0	(1)	1	(0)	0

Harlequin Duck*Histrionicus histrionicus*

9,0,0

All available records are as follows: 13 May Banff (1) RWS et al, 19 May Red Earth Cr. area (3 pairs) LMG, 20 May Gidman (2) ES et al, 26 May Elbow Falls area (5) LMG, 26 May Lake Louise (2) DE et al, 27 May Ford Cr. area (2 pairs) LMG, 29 May Banff area (1 pair) LMG, 3 June Waterton Lakes NP (3) RWS, 3 June Sheep Falls (1) AW et al.

Oldsquaw*Clangula hyemalis*

0,0,0

All available records are: 20-28 Oct. (1-4) Glenmore Res JT,RC,AS,RWS,LMG and many other observers, 22 Oct. Riverbend Park (1) LMG, 27 Oct- 8 Dec. Inglewood BS/Pearce Est. (1 & possibly 2) JS, RWS, AS et al.

Black Scoter*Melanitta nigra*

0,0,0

All available records are: 13 May Drumheller and area (1) DE and class, 27-28 Oct. Glenmore Res (1 and possibly 2) LMG, WW.

Surf Scoter*Melanitta perspicillata*

0,0,0

All available records are: 25 April Glenmore Res (1) CC et al, 12 May Burnstick Lake (9) HH, 17 May Glenmore Res (8) VF, 7 Oct. S. of Bragg Cr. (12) RC, 12 Oct. Glenmore Res (1) LMG, RWS, DC, 13 Oct. Glenmore Res (1) DC, 14 Oct. Glenmore Res (1) DC, 15 Oct. Glenmore Res (2) RWS et al, 16 Oct. Glenmore Res (1) AS, 21 Oct. Seebe/Canmore (1) DC, JP, 28 Oct. Glenmore Res (6) LMG, AS, DC, WW.

White-winged Scoter*Melanitta fusca*

4,0,0

This species is one of the latest ducks to arrive in our area. The year's first record was 25 April Glenmore Res (1 pair) CC et al. Spring numbers reached a high at the end of May. From July to Sept. only 4 records were submitted: 23 July Irricana (9) LMG et al, 25 Aug. Irricana (50) JS, 2 Sept. Irricana (15) JS, 8 Sept. Irricana JS. Fall numbers were a bit higher than in spring despite a shorter passage interval in fall. The last record of the year was at one of the very last expanses of water to freeze, Glenmore Res, on 28 Oct. (up to 20) WW, LMG, AS, RWS, DC. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(0)	0	(6)	2
May	(8)	4	(31)	9	(11)	5
June	(10)	1	(2)	1	(100)	1
July	(0)	0	(0)	0	(9)	1
Aug.	(0)	0	(0)	0	(50)	1
Sept.	(17)	2	(0)	0	(0)	0
Oct.	(18)	4	(168)	20	(97)	5
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Common Goldeneye*Bucephala clangula*

43,236,0

Probably because of the below normal temperatures in Jan. and Feb. numbers were way down compared with Jan. and Feb. 83. The fall passage showed more birds than last year (2,612) compared to (409) in 83 but Dec. witnessed smaller numbers as most streams were frozen this year. A total of (6,667) were recorded this year. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(725)	6	(120)	2	(210)	3
Feb.	(456)	6	(217)	8	(8)	3
March	(74)	6	(94)	12	(1,228)	31
April	(1,188)	28	(551)	26	(216)	5
May	(274)	16	(287)	20	(68)	10
June	(23)	4	(10)	1	(0)	0
July	(8)	3	(0)	0	(3)	1
Aug.	(1)	1	(53)	2	(13)	3
Sept.	(8)	4	(29)	4	(5)	2
Oct.	(23)	5	(311)	22	(1,082)	25
Nov.	(855)	22	(198)	3	(143)	3
Dec.	(117)	5	(236)	1	(33)	2

Barrow's Goldeneye*Bucephala islandica*

0,5,0

From 2 Jan. to 17 March up to (10) per sighting were recorded from Carburn Park ES, JT, AS, RC, DE, DD, LMG, RWS. From 9 July to 22 Oct. this species was not sighted in our area. Small numbers remained again around Carburn Park and Seebe in Nov. and Dec. Two sightings from other areas were 8 July Kangienos Lake (3 f & 12 j) JP and 27 Oct. Glenmore Res (4) RWS et al. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(21)	3	(4)	1	(0)	0
Feb.	(24)	4	(15)	4	(0)	0
March	(14)	3	(10)	4	(0)	0
April	(5)	3	(2)	1	(3)	1
May	(0)	0	(2)	1	(4)	1
June	(14)	3	(1)	1	(1)	1
July	(15)	1	(0)	0	(0)	0
Aug. - Sept.	(0)	0	(0)	0	(0)	0
Oct.	(0)	0	(0)	0	(11)	5
Nov.	(17)	8	(6)	1	(2)	2
Dec.	(2)	1	(11)	2	(1)	1

Bufflehead*Bucephala albeola*

17,1,0

Two wintering females were recorded at Fish Creek PP on 22 Jan ES. The first records of the spring migration were March at Carseland & Inglewood BS (1) & (1) JT, DE et al. The northward passage was quite evenly stretched out over April and May with the numbers being slightly higher during the first week of May: 4 April Irricana (11) LMG, 9 April Lloyd Lake (12) ES et al, 24 April Lowery Gardens (12) JT, 6 May Irricana (20) AS & CFNS, 14 May Glenmore Res (15) JT. After a very quiet Sept. only (5) in 4 sightings, the fall migration was first noted during the first week of Oct. and peaked during the last two of the same month. Some fall highs are: 15 Oct. Glenmore Res. (500) DC, 27 Oct. Glenmore Res (200) DC, 28 Oct. Lowery Gardens (100) MJL. The numbers diminished rapidly during the last days of Oct. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(0)	0	(0)	0	(2)	1
Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(8)	5
April	(55)	13	(58)	17	(76)	22
May	(81)	18	(73)	13	(35)	10
June	(24)	5	(16)	2	(2)	1
July	(35)	1	(0)	0	(14)	4
Aug.	(0)	0	(100)	2	(1)	1
Sept.	(2)	1	(2)	2	(1)	1
Oct.	(30)	4	(1,119)	18	(1,376)	21
Nov.	(29)	17	(6)	2	(0)	0
Dec.	(1)	1	(1)	1	(0)	0

Hooded Merganser*Lophodytes cucullatus*

0,0,0

The year's first records were: 13 April Glenmore Res (1 pair) DC, 14 April Lloyd Lake (1) ES et al, 3 May Glenmore (1) VF. The spring migration was unimpressive with a high of (13) in 8 sightings in May. The species was not recorded in our area from 4 June to 25 Aug. The last half of Oct. showed some good numbers passing through: 27 Oct. Glenmore Res (19) DC, 28 Oct. Glenmore Res (12) DC, 28 Oct. Carburn/Riverbend (9) AS, 28 Oct. Lowery Gardens (7) MJL. The year's last record was on 10 Nov. Inglewood/Pearce Est. (1) RWS et al. Numbers of birds and records during ten day periods are listed over:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(3)	2	(0)	0
May	(3)	3	(9)	4	(1)	1
June	(5)	3	(0)	0	(0)	0
July	(0)	0	(0)	0	(0)	0
Aug.	(0)	0	(0)	0	(4)	0
Sept.	(0)	0	(4)	2	(1)	1
Oct.	(1)	1	(13)	3	(70)	14
Nov.	(7)	4	(0)	0	(0)	0
Dec.	(0)	0	(0)	0	(0)	0

Common Merganser*Mergus merganser*

63,38,0

Present throughout the year this species wintered along the Bow River: 2 Jan. Queensland (2) DS, 2 Jan. Cominco area (15) ES et al, JT, 16 Feb. Carburn Park (9) DD. Spring migration was first noticed during the last week of March: 26 March Carseland (33) LMG, 28 March Glenmore Res (10) DC, 31 March Glenmore Res (60) DC, 4 April Carseland (88) LMG, 17 April Glenmore Res (40) DC, 21 April Fish Creek PP (30) ES et al. Fair numbers were recorded in summer. There was one breeding record on 2 June Fish Creek PP (1f 13j) MC et al. Sightings steadily increased through Sept. to a high at the end of Oct. and the beginning of Nov: 7 Oct., McKinnon Flats (25) DS et al, 13 Oct. NW Calgary (50) JS, 28 Oct. Glenmore Res (50) DC, 28 Oct. Lowery Gardens (50) MJL, 2 Nov. Carburn Park (50) DC. Dec. again witnessed some birds wintering along the Bow River. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(43)	6	(1)	1	(5)	3
Feb.	(36)	6	(34)	8	(0)	0
March	(8)	4	(59)	13	(176)	27
April	(253)	31	(186)	25	(130)	22
May	(136)	25	(113)	36	(105)	21
June	(29)	8	(61)	9	(45)	5
July	(11)	5	(37)	4	(16)	4
Aug.	(5)	2	(27)	8	(58)	8
Sept.	(48)	8	(54)	12	(63)	4
Oct.	(102)	14	(86)	8	(241)	17
Nov.	(181)	18	(25)	3	(11)	3
Dec.	(74)	5	(38)	1	(1)	1

Red-breasted Merganser*Mergus serrator*

0,0,0

All available records follow: 7 April Namaka (8) JS, 8 April Irricana (12) WW, 8 April Bruce Lake (6) AS and CFNS, 8 April E of Calgary (1 pair) JP and CFNS, 13 April Glenmore Res (1) AS, DC, 15 April Glenmore Res (1) AS, 15 April Irricana (7) DE, JS, 17 April Glenmore Res (6) DC, 18 April Glenmore Res (1) AW, 25 April Glenmore Res (6) CC, 26 April Lake Newell (1) LMG, 27 April Lake Minnewanka (4) DS, 5 May Irricana (3) JS, 9 Sept. Lake Minnewanka (1) JS, 28 Oct. Glenmore Res (11) WW, LMG, RWS, 3 Nov. Carburn Park (1) DD.

Ruddy Duck*Oxyura jamaicensis*

0,0,0

The year's first sightings were: 14 April Irricana (24) CC, 14 April Namaka (15) JS. From then on the numbers steadily increased to peak around mid-May: 22 April Namaka Lake (100) ES, 19 May Lloyd Lake (200) ES. Numbers were quite low in July. The fall migration was evidenced by good numbers east of the city: 12 Aug Namaka Lake (300) AS, 2 Sept. Sadler/Irricana (400) JS, 16 Sept. Sadler/Namaka (500) JT. The last record of the year was on 11 Nov. Carburn/Riverbend Park (2) AS, WW. Numbers of birds and records during ten day periods are listed over:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(74)	8	(208)	10
May	(125)	6	(438)	10	(217)	14
June	(60)	5	(45)	3	(1)	1
July	(3)	2	(2)	1	(37)	4
Aug.	(100)	1	(427)	4	(6)	1
Sept.	(600)	2	(500)	1	(0)	0
Oct.	(20)	4	(561)	12	(42)	11
Nov.	(5)	5	(3)	2	(0)	0
Dec.	(0)	0	(0)	0	(0)	0

Osprey *Pandion haliaetus* 0,0,0

Osprey nests in Banff National Park, in the Morley/Seebe area and possibly in Kananaskis Country. This year's records suggest that a pair may have nested near Calgary along the Bow River. Otherwise the species migrated through the Calgary area mainly in April and Sept. All available records follow: 15 April Sibbald turnoff (1) near nest ES et al, 22 April Ozada/Jumping Pound (2) on nest LMG et al, 31 May Lowery Gardens (1) JT, 13 June Bowness Park area (1) CC, 17 June Queensland (1) DS, 30 July Morley nest with two young BH et al, 8 Sept. Glenmore Park (1) RC, 9 Sept. McKinnon Flats (1) VF, 25 & 26 Sept. Inglewood BS (1) HP.

Bald Eagle *Haliaeetus leucocephalus* 0,4,0

The Bald Eagle nests in Banff National Park just outside the Calgary area. On 3 June, 1981 a nest with two well feathered young located on the Bow River downstream from Gap Lake (Bauer 1981) became the first Calgary area breeding record in at least thirty years. Migration through the Calgary area occurred primarily in March/April and early Nov. with no large movements noted. Up to (7) were located along the Bow River in Calgary during Jan. and Feb. while a maximum of (4) were located in Dec. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(13)	7	(10)	2	(10)	3
Feb.	(15)	6	(9)	8	(8)	4
March	(8)	5	(10)	6	(29)	12
April	(22)	7	(6)	4	(1)	1
May - Aug.	(0)	0	(0)	0	(0)	0
Sept.	(0)	0	(0)	0	(4)	3
Oct.	(1)	1	(7)	1	(0)	0
Nov.	(38)	19	(7)	6	(3)	2
Dec.	(8)	5	(4)	1	(7)	4

Northern Harrier *Circus cyaneus* 9,0,0

This species is an uncommon breeder in the Calgary area. This year a nest was located on Nose Hill JP. The first spring record was on 24 March (1) near Dheadle LMG. The last fall record was on 21 Nov. (1) at both Ghost/Morley and Eagle Lake DC, JP, RC. No large movements were noted and no winter observations were submitted. Numbers of birds and records during ten day periods are listed over:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(10)	3
April	(19)	11	(39)	17	(18)	10
May	(31)	9	(21)	12	(27)	17
June	(3)	3	(9)	3	(15)	3
July	(1)	1	(4)	3	(11)	7
Aug.	(0)	0	(5)	4	(10)	5
Sept.	(18)	8	(16)	6	(4)	3
Oct.	(7)	5	(5)	5	(2)	2
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Sharp-shinned Hawk

Accipiter striatus

1,0,0

The first spring record was on 31 March along Horse Creek (1) JP et al. Spring migration as usual was lightly noted and not concentrated while a heavy movement was detected through the area in Sept. No nests of this secretive species were located. The last straggler was on 13 Oct. in Glenmore Park (1) DC. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(1)	1
April	(2)	2	(0)	0	(2)	2
May	(4)	4	(3)	3	(4)	4
June	(1)	1	(0)	0	(1)	1
July	(1)	1	(0)	0	(0)	0
Aug.	(0)	0	(1)	1	(4)	4
Sept.	(15)	11	(11)	11	(19)	11
Oct.	(2)	2	(1)	1	(0)	0
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Cooper's Hawk

Accipiter cooperii

0,0,0

The first spring records were on 20 April along the Bow River near Jumping Pound Creek (1) JP and near Priddis (1) DC. The last fall records were on 28 Sept. at Brown Lowery NA (1 imm.) LMG and near Mossleigh on 27 Oct. (1) HP. Three nests were found within the Calgary city limits by JP. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(2)	2	(0)	2
May	(0)	0	(6)	5	(0)	0
June	(1)	1	(7)	5	(8)	2
July	(0)	0	(4)	3	(2)	1
Aug.	(0)	0	(3)	2	(2)	2
Sept.	(2)	2	(2)	2	(2)	2
Oct.	(0)	0	(0)	0	(1)	1
Nov. - Dec.	(0)	0	(0)	0	(0)	0

Northern Goshawk

Accipiter gentilis

3,3,0

This resident is seen uncommonly throughout the year in the Calgary area. Breeding probably occurred in Fish Creek PP but records to prove it were not submitted. A bird with an American Crow nestling was observed in Waterton Lakes NP on 2 June RWS. Another bird with a Gray Partridge was reported from the Carseland area on 4 Nov. RC. (5) on the Snakes' Head CBC on 2 Jan. was a high count. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(5)	1	(2)	1	(0)	0
Feb.	(1)	1	(1)	1	(0)	0
March	(2)	2	(2)	2	(6)	6
April	(3)	2	(3)	3	(2)	2
May	(3)	3	(1)	1	(4)	2
June	(2)	2	(2)	2	(1)	1
July	(3)	3	(1)	1	(0)	0
Aug.	(1)	1	(0)	0	(4)	4
Sept.	(0)	0	(0)	0	(1)	1
Oct.	(0)	0	(1)	1	(4)	4
Nov.	(3)	2	(0)	0	(1)	1
Dec.	(4)	3	(3)	1	(0)	0



Broad-winged Hawk*Buteo platyterus*

0,0,0

This species is a rare migrant through the Calgary area in both spring and fall. Observers should be alert to the possibility of breeding in beaverpond complexes west of Calgary. All available records are: 17 May Inglewood BS (1) VF, 26 Aug. Inglewood BS (1) DE et al, 1 Sept. Indian Graves Campground (1) HP, 16 Sept. Water Valley (1) CH, 19 Sept. Glenmore Park (1 imm.-description) LMG, 25 Sept. Inglewood BS (1 dk ph.) HP et al.

Swainson's Hawk*Buteo swainsoni*

51,0,0

This species, although easily seen on the prairies and pastures east of Calgary, is not a common bird in the area in terms of total numbers. It depends on ground squirrels and insects for food and as a result is a potential casualty of poisoning programs. The Swainson's Hawk also undertakes a risky long distance migration to and from the grasslands of southern South America. Its numbers should be monitored closely for possible decline. The first spring arrival was noted at Fish Creek PP (2) on 20 April ES and the last fall records were on 26 Sept. in S.E. Calgary (1) ES et al and at Inglewood BS (1) HP et al. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(0)	0	(31)	16
May	(34)	9	(42)	16	(104)	30
June	(28)	10	(29)	9	(18)	9
July	(11)	6	(16)	4	(34)	15
Aug.	(61)	6	(27)	10	(68)	8
Sept.	(13)	6	(16)	7	(2)	2
Oct. - Dec	(0)	0	(0)	0	(0)	0

Red-tailed Hawk*Buteo jamaicensis*

78,0,0

The first spring record was in the Bearspaw area west of Calgary on 28 March (1) JP with spring migration peaking as usual in mid-April. Harlan's subspecies was only reported once: near Bearberry on 25 March RWS et al. Krider's subspecies was reported twice: (1) in the Bearspaw area on 15 April JP and (1) near Black Diamond on 16 May LMG. A pair was on a nest by 1 April KJ et al in Fish Creek PP. The last fall migrant is difficult to pin down as an immature remained in the Riverbend Park area throughout the 84/85 winter. This overwintering Red-tailed Hawk is the first to do so in Calgary and only the second in the Calgary area. The first was a single seen on the 1981 Snake's Head CBC near Sundre. No fall migration concentrations were noted. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(3)	3
April	(36)	20	(180)	47	(81)	30
May	(66)	18	(58)	24	(116)	34
June	(32)	13	(40)	20	(33)	13
July	(15)	8	(26)	8	(22)	11
Aug.	(11)	6	(24)	9	(22)	12
Sept.	(8)	3	(22)	11	(44)	9
Oct.	(5)	4	(2)	2	(2)	2
Nov.	(6)	5	(0)	0	(1)	1
Dec.	(0)	0	(0)	0	(0)	0

Ferruginous Hawk*Buteo regalis*

2,0,0

This species is a rare resident in the Calgary area but can usually be found in the Irricana area with a little persistence. A pair consisting of a light phase female and a dark phase male again nested successfully west of Calgary JP. Interestingly no fall records were submitted. All available records are: 28 March west of Calgary (2) JP, 4 April Carseland (1) LMG, 7 April Priddis area (1) ES et al, 15 April Irricana (1 dk. ph.) JS, 1 May west of Calgary (1 on nest) JP et al, 20 May Keoma (1) JS et al, 21 May Nightingale (1) AS, 23 May west of Calgary (2) JP, 25 May Bruce Lake (2) LMG et al, 26 May Airdrie (2) DS et al.

Rough-legged Hawk*Buteo lagopus*

0,0,0

The (15) recorded on the 1981 Calgary CBC was most amazing considering the dearth of winter records over the following years. The majority of migration occurred as usual in early April and late Oct. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(2)	1	(0)	0	(1)	1	
Feb.	(1)	1	(0)	0	(1)	1	
March	(3)	2	(3)	2	(7)	5	
April	(27)	9	(28)	13	(9)	6	
May	(1)	1	(2)	2	(0)	0	
June - Aug.	(0)	0	(0)	0	(0)	0	
Sept.	(0)	0	(0)	0	(2)	2	
Oct.	(2)	2	(21)	11	(14)	11	
Nov.	(5)	4	(2)	2	(1)	1	
Dec.	(0)	0	(0)	0	(2)	1	

Golden Eagle*Aquila chrysaetos*

0,0,1

For a species considered by many to migrate through the Calgary area in numbers equal to the Bald Eagle this species is not reported nearly as often. All available records except the WRWC CBC above follow: 8 Jan. Springbank area (1 imm) DC, 2 March Springbank area (1) DE et al, 17 March Morley (1) JP et al, 18 March Longview area (2 ad) LMG et al, 31 March Horse Creek area (1) JP et al, 8 April Sibbald Flats (1 ad) JS et al, 12 April Beaupre Hill (1) JP, 14 April Glenbow (1 imm) LMG et al, 14 April Beaupre Lake (1 imm) DC et al, 20 April Bow R./Jumping Pound Creek (1) JP, 21 May Maycroft (1) ES et al, 23 May Bow R. west of Calgary (1 imm) JP, 28 May Edworthy Park (4) DE, 28 Sept. Brown Lowery NA (5) LMG et al, 29 Sept. Bragg Creek (1 imm) LMG 30 Sept. Turner Valley area (3 imm) LMG, 7 Oct Glenmore Park (1) AW et al, 14 Oct. Ptarmigan Cirque (2) RWS et al, 2 Nov. Downtown Calgary (1 imm) RC, 22 Dec. Horseshoe Canyon CBC (1) RWS et al.

American Kestrel*Falco sparverius*

32,0,0

The first spring record was on 28 March at Fish Creek P.P. (1) ES et al. Breeding reports consisted of (8) birds of the year at Fish Creek PP on 21 July JP and an adult with (2) fledglings in Lowery Gardens on 24 July JT. The last fall record was on 28 Sept. at Brown Lowery NA (1) LMG et al. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - Feb.	(0)	0	(0)	0	(0)	0	
March	(0)	0	(0)	0	(2)	2	
April	(5)	4	(12)	9	(31)	14	
May	(36)	20	(41)	28	(55)	29	
June	(19)	12	(7)	7	(7)	6	
July	(5)	4	(3)	3	(42)	13	
Aug.	(19)	7	(14)	8	(9)	6	
Sept.	(17)	8	(7)	6	(9)	9	
Oct. - Dec.	(0)	0	(0)	0	(0)	0	

MerlinFalco columbarius

4,6,1

ading reports consist of (2 ad & 3 y) in the Bearspaw area on 10 June JP and (4 ad & 7 y) at possibly two nest sites in Lowery Gardens on 13 July JP. One was seen with a Cedar Waxwing on 17 June in Bowness Park and another female was seen with a Least Sandpiper on 23 July in the Irricana area LMG. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(3)	3	(1)	1	(1)	1
Feb.	(2)	2	(1)	1	(2)	2
March	(3)	3	(3)	2	(9)	7
April	(9)	7	(9)	8	(15)	10
May	(12)	9	(16)	13	(11)	10
June	(13)	7	(10)	8	(6)	4
July	(3)	1	(11)	2	(8)	4
Aug.	(0)	0	(6)	6	(12)	8
Sept.	(11)	9	(2)	2	(4)	3
Oct.	(3)	2	(6)	5	(2)	2
Nov.	(1)	1	(0)	0	(0)	0
Dec.	(1)	1	(6)	1	(1)	1

Peregrine FalconFalco peregrinus

4,0,0

A pair again nested in downtown Calgary this time on the south-east face of the Shell Centre. The birds hatched one of their own eggs. Another chick was placed in the eyrie and the falcons successfully fledged both young birds. All records other than the May Species Count above are listed: 8 Jan. Springbank (1) RC, 17 Jan. Downtown Calgary (1) RC, 2- 6 April Pan-Canadian Building (1) KJ, 16 & 17 April AGT Building (1) JB, 17 April Shell Centre (1) KJ, 17 April Lowery Gardens (1) JP, 18 April Shell Centre (2-a pair) DC, 19 April AGT Building (2) JB, 26 April Glenmore (1) RWS, 27 April Glenmore Res (1) IH, 2 May Downtown Calgary (2) ES, 12 May Nose Hill (1) CD, 2 June Downtown Calgary (3) ES, 14 June Downtown Calgary (4) ES, 28 July Fish Creek PF (1) ES et al, 29 July Confederation Park (1) ES et al, 8 Aug. Shell Centre (1 imm. calling) DC, 9 Aug. Prince's Island (1 imm) JP, 6 Sept. Millarville (1) JM, 24 Sept. Downtown Calgary (2 ad) LMG, 6 Oct. Queensland (1) DS et al.

Gyr FalconFalco rusticolis

0,0,1

As usual gray/dark phase birds were predominant. All available records with the exception of the WRWC CBC above are: 29 Feb. Millarville (1 gr.ph. - descr.) AW, 29 Feb. Longview (1 gr.ph. - descr.) AW, 5 March Longview (1 gr.ph. - descr.) AW, 10 March Rockyford (1 wh.ph.) IH, 26 Aug. Irricana (1) DE & class, 9 Nov. Simons Valley (1dk.ph. - descr.) LMG, 1 Dec. Carburn/Cominco (1) JB

Prairie FalconFalco mexicanus

1,2,0

This species is still uncommonly seen indicating a lack of recovery from biocide impairment of its reproductive capability. Breeding was documented in the Bearspaw area west of Calgary JP. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(1)	1	(1)	1	(0)	0
Feb.	(1)	1	(0)	0	(1)	1
March	(1)	1	(0)	0	(4)	3
April	(2)	2	(9)	6	(1)	1
May	(0)	0	(0)	0	(3)	3
June	(0)	0	(0)	0	(4)	3
July	(3)	1	(0)	0	(0)	0
Aug.	(0)	0	(0)	0	(1)	1
Sept.	(1)	1	(0)	0	(0)	0
Oct.	(0)	0	(0)	0	(0)	0
Nov.	(1)	1	(0)	0	(0)	0
Dec.	(0)	0	(2)	1	(0)	0

Gray Partridge*Perdix perdix*

16,158,0

This introduced species is present in good numbers in our area in fall and early winter but hunting and winter take their toll by spring. The Calgary CBC is above average. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(25)	4	(0)	0	(0)	0	
Feb.	(10)	2	(15)	5	(3)	1	
March	(2)	1	(6)	3	(13)	6	
April	(19)	8	(18)	10	(14)	7	
May	(12)	7	(0)	0	(21)	6	
June	(0)	0	(3)	2	(6)	2	
July	(0)	0	(1)	1	(23)	2	
Aug.	(0)	0	(22)	3	(16)	1	
Sept.	(5)	1	(0)	0	(21)	3	
Oct.	(4)	1	(35)	4	(80)	8	
Nov.	(15)	2	(0)	0	(0)	0	
Dec.	(7)	1	(171)	2	(15)	1	

Ring-necked Pheasant*Phasianus colchicus*

22,11,0

This species suffers significantly in hard winters and populations high enough to satisfy hunting demand are maintained only by periodic releases. A female with (3) young was seen at Fish Creek P.P. on 10 July JP et al. Numbers of birds and records during ten day periods are listed below:

		<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(11)	3	(2)	1	(2)	2	
Feb.	(2)	2	(4)	3	(3)	2	
March	(7)	6	(7)	4	(7)	7	
April	(13)	7	(30)	10	(18)	9	
May	(30)	11	(9)	7	(28)	12	
June	(7)	3	(2)	1	(1)	1	
July	(8)	3	(0)	0	(2)	2	
Aug.	(4)	1	(17)	3	(34)	5	
Sept.	(4)	3	(17)	4	(25)	4	
Oct.	(12)	4	(1)	1	(15)	6	
Nov.	(32)	9	(1)	1	(9)	2	
Dec.	(7)	3	(11)	1	(4)	2	

Spruce Grouse*Dendragapus canadensis*

0,0,0

This species has been seen in recent years only in the area of the Sheep River Sanctuary west of Turner Valley. The lone record available in the Calgary area along with another record of interest just outside the area: 15 July Crimson Lake P.P. (1 f & 7y) HP, 31 July Sheep R./Dyson Creek (1m - descr.) LMG.

Blue Grouse*Dendragapus obscurus*

0,0,0

All available records are: 25 May Sheep River Sanctuary (1) AW, 3 June Missing Link Mountain (3) AW et al, 24 June Windy Point/Sheep River (3) WW, 3 Sept. Sibbald Flats (2) JS,MS.

White-tailed Ptarmigan*Lagopus leucurus*

0,0,0

The two records available are from the extreme west edge of the Calgary area: 24 June Highwood Pass (1 m & f on nest) LMG, 23 Aug. Mt. Indefatigable (1 ad & 2 y) DS et al.

Ruffed Grouse*Bonasa umbellus*

13,2,6

species is still low in its population cycle. Drumming was heard steadily from 30 March through 20 May with sporadic drumming heard until 6 June. No drumming was reported during the fall. An adult with (5) immatures was seen near Water Valley on 17 June CH and an adult with (5) chicks was found at Windy Point on 5 Aug. LMG. Numbers of birds and records during ten day periods are listed over:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan.	(7)	1	(0)	0	(1)	1
Feb.	(0)	0	(0)	0	(0)	0
March	(0)	0	(0)	0	(3)	2
April	(8)	5	(3)	2	(15)	7
May	(1)	1	(6)	4	(21)	12
June	(10)	9	(5)	3	(6)	3
July	(13)	3	(0)	0	(0)	0
Aug.	(6)	1	(0)	0	(1)	1
Sept.	(12)	2	(2)	1	(6)	5
Oct.	(1)	1	(1)	1	(3)	1
Nov.	(3)	1	(1)	1	(0)	0
Dec.	(1)	1	(2)	1	(11)	2

Sharp-tailed Grouse*Tympanuchus phasianellus*

0,8,0

The lek on Nose Hill was ploughed this year. It will be interesting to see if the Nose Hill population is able to adapt or if it will disappear. All available records excluding the Calgary CBC are: 2 Jan. Snake's Head CBC (5) DC et al, 20 Feb. Nose Hill (1) DE, 18 March Nose Hill west (1)JP, 25 March Sibbald Flats (1) JS et al, 31 March Nose Hill west (2) JP et al, 31 March Horse Creek area (13) JP et al, 24 April Nose Hill west (2) JP, 28 April Cochrane man's Slough JP, 26 May Sadler/Irricana (1) JS et al, 20 June Nose Hill (1) JP, 23 Oct. Bearspaw (11) LMG, 12 Nov. Nanton (15) HP, 17 Nov. Nanton (60) HP, 24 Nov. Nanton (25) HP, 1 Dec. Water Valley area (4) LMG, 1 Dec. Nanton (30) HP, 31 Dec. Nose Hill (3) RW.

Virginia Rail*Rallus limicola*

0,0,0

A single bird was seen in the almost dry northern half of Twin Lakes northeast of Calgary from 22 July to 25 July AW, LMG, WW, DC, HP, JP. A description is included in the appendix of this report.

Sora*Porzana carolina*

5,0,0

The first record was on 16 May at Lloyd Lake (2) LMG. The last fall record was on 3 Sept. at Sibbald Flats (1) JS et al. Note the concentration of reports at the end of July. Numbers of birds and records during ten day periods are listed below:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>	
Jan. - April	(0)	0	(0)	0	(0)	0
May	(0)	0	(8)	5	(15)	8
June	(9)	5	(1)	1	(5)	4
July	(2)	2	(4)	3	(33)	10
Aug.	(3)	3	(7)	4	(2)	2
Sept.	(1)	1	(0)	0	(0)	0
Oct. - Dec.	(0)	0	(0)	0	(0)	0

American Coot*Fulica americana*

259,0,0

The first reports were on 14 April at Lloyd Lake (20) ES et al, at Namaka (25) JS and at McDonald Lake (1) JP. Two very large concentrations were detected on 12 Aug. at Namaka Lake (1,000) AS and on 25 Sept. at Glenmore Res (1,000) DC. The last reports were on 11 Nov. at Riverbend Park (3) WW. Numbers of birds and records during ten day periods are listed below:

	1-10		11-20		21-29/30/31	
Jan. - March	(0)	0	(0)	0	(0)	0
April	(0)	0	(458)	14	(1,492)	20
May	(1,196)	18	(1,309)	20	(637)	23
June	(116)	5	(6)	3	(4)	1
July	(7)	2	(14)	3	(76)	5
Aug.	(52)	3	(1,240)	4	(129)	5
Sept.	(260)	3	(807)	6	(1,063)	3
Oct.	(810)	9	(1,372)	22	(127)	15
Nov.	(12)	10	(4)	2	(0)	0
Dec.	(0)	0	(0)	0	(0)	0

Sandhill Crane*Grus canadensis*

0,0,0

The only records available were on 3 May Water Valley (2) CH and on 20 May at Keoma/Namaka (1) JS et al.

Black-bellied Plover*Pluvialis squatarola*

1,0,0

Northward migration was from 15 May (3) Glenmore Res AS to 2 June (2) Nightingale JS. The (1,500) reported by LMG at Jamieson Lake on 17 May is much larger than figures given in Sadler and Myres 1976 and much larger than seen by the compiler during regular shorebird counts from 1979-1984. Southward migration was from 29 July (3) Irricana DE to 14 Oct. (21) Namaka JT. 6 Aug. Namaka (80), 16 Sept. Sadler Slough (8), 7 Oct. McGregor Lake Res (120) are the other reports. Ten contributors submitted 21 reports.

Lesser Golden Plover*Pluvialis dominica*

1,0,0

One report on (1) on 27 May at Bruce Lake MC was the only indication of the northward passage. The southward passage records follow: 8 July Namaka Lake (1) WW - descr. available, 29 Sept. Lac des Arcs (3) JS, 2 Oct. McDonald Lake (4) JP, 7 Oct. McGregor Lake Res (2) LMG, 14 Oct. Namaka (1) JT.

Semipalmated Plover*Charadrius semipalmatus*

0,0,0

Eleven contributors submitted 25 reports of (73) birds. Northward passage was from 5 May (4) Irricana JS to 22 May (1) Sadler Slough RWS. Maxima: 11 May Glenmore Park (8) ES, 12 May Irricana, Glenmore Res (5,4) AS, JS, 14 May Glenmore Res (6) JT. Southward passage was from 2 July (1) DeWinton DS to 9 Aug. (3) Sadler Slough JS. Maxima: 30 July Bruce Lake (3) LMG, 6 Aug. Delacour (3) AW.

Piping Plover*Charadrius melodus*

0,0,0

The only area report of this rare species was 19 May (1) Irricana JS. Away from Calgary reports were Drumheller (1) on 13 May DE and from Dowling Lake 28 May and 3, 5 June (10,7,15) LMG,RWS,AS.

Killdeer*Charadrius vociferus*

73,1,0

At least 32 contributors submitted 345 reports of this common plover. Reports were from 9 March (1) Fish Creek PP ES to 11 Nov. (2) Carburn Park WW. Maxima: 28 March Fish Creek PP (4) ES, 14 April Cochrane Lake (11) JP, 26 May Fish Creek PP (16) ES, 26 June Shepard Sloughs (15) RC, 30 July Namaka Lake (15) LMG, 9 Aug. Sadler Slough (20) RWS, 16 Sept. Glenmore Res (14) RC, 31 Oct. Carburn Park (7) DC, 4 Nov. Riverbend Park (5) LMG. The above are maxima flock sizes and do not indicate the total number that might be counted during a day's outing.

**Black-necked Stilt** *Himantopus mexicanus* 0,0,0

outside the Calgary area but an interesting report was of (1) on 10 May at Pakowki Lake JR. The species has nested once near Edmonton. Two were seen near Calgary 3, 24 May 1970, 1972 according to Sadler and Myres (1976). Other reports may be made available so that a complete listing of sightings can be compiled.

**American Avocet** *Recurvirostra americana* 18,0,0

Reported from 17 April (1) Namaka Lake JS to 9 Sept. (2) Irricana RC. Twenty-one observers submitted 70 reports of this fairly common nester. The total birds by month are as follows: April (36), May (352), June (110), July (61), Aug. (49), Sept. (12). More observers reported this species than in 1983 and the figures indicate that the numbers continue to decrease. As the habitat for this species is further destroyed through drought and farm practices we can expect to see continued decline.

**Greater Yellowlegs** *Tringa melanoleuca* 18,0,0

Seventy reports from 12 observers of (286). Spring passage was from 9 April (1) Glenmore Res CC to 21 May (2) Glenmore Res RC. Southward passage was from 8 July (6) Eagle Lake WW to 10 Oct. Fish Creek PP JP. Maxima: 26 April Glenmore Res (4) RWS, 19 May Glenmore Res (15) RC, 26 June Shepard (30) RC, 29 July Irricana (4) DE, 12 Aug. Irricana (10) DE, 2 Sept. Sadler Slough (8) JS, 10 Oct. Fish Creek PP (8) JP. Circumstantial evidence of nesting at two locations off highway 68 on Homestead Road (51 002N 114 462W and 51 015N 114 46W) on 16, 30 June (2,1) JS,MS. Report written and in file of CFNS. Excellent details on the separation of *T. melanoleuca* from *T. flavipes* can be found in Master Guide to Birding (1984). The writer is merely speculating that some of the large flocks listed in the computer printout may actually have been flavipes. Personally I have not seen a flock of more than ten but of course large flocks may and are quite likely occurring in the area. It seems that most birds arrive early and quickly leave for the nesting grounds. The nesting grounds for some appear to be no farther than our foothills.

**Lesser Yellowlegs** *Tringa flavipes* 17,0,0

15 April Glenmore Res WW to 27 May Winchell Lake CH were the extreme dates for the northward migration. 16 June Olds DS to 11 Oct LMG were the extremes for the southward migration. One hundred and twenty-six reports from nineteen observers were received. Ten day averages are as follows:

	1-10	11-20	21-29/30/31
Jan. - March	(0)	(0)	(0)
April	(0)	(8)	(15)
May	(33)	(34)	(4)
June	(0)	(1)	(25)
July	(29)	(4)	(11)
Aug.	(46)	(14)	(19)
Sept.	(24)	(3)	(0)
Oct.	(1)	(1)	(0)
Nov. - Dec.	(0)	(0)	(0)

Maxima: 30 April Glenmore Res (50) CC, 6,7,11 May Glenmore Res (200-250) ES, CC, 27 June Shepard (25) JT, 23 July Irricana (60) LMG, 6 Aug. Sadler Slough (175) JS, 2 Sept. Sadler Slough (75) JS, 11 Oct. Chestermere Lake (4) LMG.

**Solitary Sandpiper** *Tringa solitaria* 0,0,0

Seventy-two reports by 16 observers. Northward migration was from 29 April (2) Inglewood BS LMG to 1 June (1) Lowery Gardens JT. Southward migration was from 23 July (1,10) Twin Lakes, Sadler Sloughs AW, JS to 26 Sept. (1) Inglewood BS HP. Some reports from possible nesting areas were 29 April (1) WRWC JP, 25 June (2) Sibbald Flats area JT and 8 July (1) Kangienos Lake JP. Maxima: 29 April Inglewood BS (2) LMG, 7 May Glenmore Res (5) LMG, 1 June Lowery Gardens (1) JT, 23 July Sadler Slough (10) JS, 6 Aug. Sadler Slough and Irricana area (35) JS, 26 Sept. Inglewood BS (2) HP. Total birds per month: April (3), May (45), June (3), July (17), Aug. (161), Sept (10).

- Willet** *Catoptrophorus semipalmatus* 18,0,0
- 22 April (1) Eagle Lake ES to 26 Aug. (1) Irricana DE were the extreme dates. Ninety reports by 20 observers were received. Maxima: 22 April Eagle Lake (1) ES, 5 May Irricana (25) JS, 19 June Stobart and Namaka Lakes (15) RC, 23 July Irricana (5) LMG, 18 Aug. Sadler Slough (6) JS. Total birds per month: April (1), May (105), June (73), July (32), Aug (24).
- Spotted Sandpiper** *Actitis macularia* 145,0,0
- Extremes were 6 May Fish Creek PP DS to 30 Sept. (2) Glenmore Res RC. One hundred and seventy-one reports by 26 observers. Maxima: 26 May Fish Creek PP and east (28) ES, 27 May Weaselhead area (35) ES, 3 June Fish Creek PP (8) LMG, 1 July Lowery Gardens (4) JT, 1 Aug. Glenmore Res (15) RC. 16 Sept. Glenmore Park south (4) RC. Nesting reports: 10 June King Creek (1) at nest AW, 13 June Bowness Park (1 + 4 eggs) JP, 19 June Fish Creek PP (1 + 4 eggs) RWS, 6 July Bearspaw (1 + 1 egg) JP.
- Upland Sandpiper** *Bartramia longicauda* 2,0,0
- All available records are: 13 May Drumheller area (4) DE, 26 May Didsbury (2) DS, 27 May Pakowki Lake (3) DE, 2 June Sadler Slough and Nightingale (1) JS, 17 June Keoma BBS (1) DC, 23 July Sadler Slough area (4) JS, 29 July Irricana/Chestermere Lake (5) DE, 15 Sept. Indus (1) HP.
- Long-billed Curlew** *Numenius americanus* 0,0,0
- Eleven records of (37) by 8 observers: 20 April Glenmore Res (1) DC, 22 April Lloyd Lake (2) ES, 26 April Lake Newell area (6) LMG, 28 April Indus (2) JT, 5 May Irricana (9) JS, 12 May Shepard (1) AS, 12 May Cheadle (2) AS, 21 May Stavely (4) ES, 27 May Norfolk (2) HP, 6 Aug. Namaka Lake (5) RC, 6 Aug. Delacour (2) AW.
- Hudsonian Godwit** *Limosa haemastica* 0,0,0
- All available records are: 15 April Sadler Slough (12) PM, 5 May Glenmore Res (16) JT, 6 May Sadler Slough (4) JS, 6 May Sadler Slough (8) CC, 6 May Glenmore Park (7) RC.
- Marbled Godwit** *Limosa fedoa* 29,0,0
- Reported from 15 April (17) Sadler Slough PM to 2 Sept. (2) Sadler Slough JS. There were 87 reports from 20 observers. Maxima: 15 April Sadler Slough (17) PM, 12 May Irricana area (100) JS, 3 June Sadler Slough (40) CC, 23 July Nightingale area (35) LMG, 6 Aug. Sadler Slough (12) JS, 2 Sept. Sadler Slough (2) JS. Total birds per month: April (31), May (630), June (72), July (75), Aug. (32), Sept. (2).
- Red Knot** *Calidris canutus* 0,0,0
- The only record was on 26 May Irricana (3) JS.
- Sanderling** *Calidris alba* 0,0,0
- Five observers submitted 15 reports. The northward passage was reported from 13 May (2) Namaka Lake JS to 2 June (16) Sadler Slough/Nightingale JS. The southward passage was reported from 30 July (1) Namaka Lake LMG to 29 Sept. (5) Lac des Arcs. JS Maxima: 26 May Sadler Slough/Nightingale (65) JS, 2 June Sadler/Nightingale (16) JS, 30 July Namaka Lake (1) LMG, 6 Aug. Delacour (4), AW 8 Sept. Sadler Slough/Irricana area (21) JS.



Semipalmated Sandpiper

Calidris pusilla

9,0,0

Reported from 22 April (3) Strathmore ES to 26 May (9) Sadler Slough DC on the northward migration. The southward passage was from 17 July (35) McDonald Lake JP to 8 Sept (1) Sadler Slough/Irricana JS. Fifty-seven reports were received from 14 contributors. The 22 April record is very early for the species in the Calgary area.

	<u>1-10</u>	<u>11-20</u>	<u>21-29/30/31</u>
April	(0)	(0)	(9)
May	(94)	(134)	(43)
June	(0)	(0)	(0)
July	(0)	(35)	(16)
Aug.	(14)	(24)	(2)
Sept.	(1)	(0)	(0)

Maxima: 22 April Eagle Lake (15) ES, 12 May Irricana (800) JS, 17 May McDonald Lake (35) JP, 18 Aug. Sadler Slough/Nightingale (1) JS.

Western Sandpiper

Calidris mauri

0,0,0

Six reports of several birds were received. 5 May Sadler Slough (1) RW, 13 May Sadler Slough (1) JS, 23 July Irricana sloughs (1) LMG, 9 Aug. Sadler Slough (1) JS, 20 Aug. Sadler Slough (1) LMG, 21 Aug. Sadler Slough (1) RWS. Some birds were obviously seen by several observers.

Least Sandpiper

Calidris minutilla

0,0,0

The northward passage was from 5 May (4) Irricana JS to 20 May (av 4) Sadler Slough IH, WW, CC. The southward passage was from 17 July (3, 16) Shepard, McDonald Lake RWS, JP to 26 Sept. Inglewood BS (1) HP. Thirteen contributors submitted 48 reports.

	<u>1-10</u>	<u>11-20</u>	<u>21-29/30/31</u>
May	(3)	(18)	(0)
June	(0)	(0)	(0)
July	(0)	(23)	(7)
Aug.	(6)	(17)	(17)
Sept.	(5)	(0)	(1)

Maxima: Northward - 19 May Irricana area (110) JS. Southward - 19 July Lloyd Lake (50) RWS, 18 Aug. Sadler Slough/Nightingale (75) JS, 2 Sept. Sadler Slough/Irricana (4) JS.

White-rumped Sandpiper

Calidris fuscicollis

0,0,0

The following reports were submitted: 19 May Nightingale (5) JS, 20 May Nightingale and slough north (6) JS, 21 May Nightingale (2) AS - descrip. available, 21 May Sadler Slough (1) AS - descrip. available, 26 May Nightingale (2) JS. The Nightingale flock totalled (5) and there was a sixth bird on a slough 3 km north.

Baird's Sandpiper*Calidris bairdii*

0,0,0

Northward migration was from 17 April (2) Balzac JP to 21 May (2) Nightingale AS. Southward migration was from 8 July (4) Eagle Lake to 1-4 Nov. (1) Carburn Park WW, RWS, LMG, JS, DB, DC - descriptions available. Fourteen contributors submitted 73 reports. Ten day averages are as follows:

	<u>1-10</u>	<u>11-20</u>	<u>21-29/30/31</u>
April	(0)	(2)	(1)
May	(15)	(7)	(3)
June	(0)	(0)	(0)
July	(5)	(23)	(10)
Aug.	(20)	(43)	(23)
Sept.	(37)	(17)	(15)
Oct.	(6)	(0)	(0)
Nov.	(0)	(0)	(0)

Maxima: Northward 7 May, Sadler Slough (50) WW, Southward Sadler Slough/Nightingale (175) JS.

Pectoral Sandpiper*Calidris melanotos*

0,0,0

Northward migration was reported from 6 May (4) Sadler Slough JS to 2 June (2) Nightingale JS. Southward migration was from 19 July (10) Lloyd Lake RWS to 14 Oct. (2) Namaka Lake JT. Maxima: 19 May Irricana (175) JS, 20 May Keoma (258) JS, 23 July Twin Lakes (25) JT, 6 Aug. Sadler Slough (35) JS, 29 Sept. Lac des Arcs (50) JS, 8 Oct. McElroy's Slough (40) WW. Ten day averages are as follows:

	<u>1-10</u>	<u>11-20</u>	<u>21-29/30/31</u>
May	(6)	(41)	(22)
June	(2)	(0)	(0)
July	(0)	(10)	(12)
Aug.	(9)	(5)	(0)
Sept.	(2)	(7)	(50)
Oct.	(7)	(7)	(0)

Dunlin*Calidris alpina*

0,0,0

One description of (2) on 12 May on a slough north of Nightingale JS, MS.

Stilt Sandpiper*Calidris himantopus*

3,0,0

Northward passage was from 17 May (25) Sadler Slough CC to 27 May (1) Weaselhead area ES. Southward passage was from 8 July (3) Namaka Lake WW to 25 Aug. (3) Sadler Slough JS. Maxima: 20 May Sadler Slough (100) CC, 8 July Namaka Lake (3) WW, 6 Aug. Delacour (10) AW. Ten contributors submitted 23 reports.

Spoonbill Sandpiper*Eurynorhynchus pygmeus*

0,0,0

On 19 May near Keoma MS and the writer saw (2) of this species. Notes concerning this sighting were submitted to CFNS, American Birds - B. Gollop and the National Museum. Don Roberson (American Birds: Sept- Oct 1984) used the sighting to illustrate one weakness of the publication --the screening of unusual sightings. He rightfully indicates that many sightings are published in the magazine that should never have gone beyond the regional editor. I believe that screening at the local level is very difficult, at the regional level even more difficult and at the continental level probably impossible. Roberson mentions our sighting several times but admits that he did not see the notes. Sightings away from Alaska were at Vancouver in 1978. Roberson has a picture of that bird in his book, Rare Birds of the West Coast (1980), but for some reason states that all reports of Spoonbills away from Alaska have proved to be Western Sandpipers with mud on their bills. He is wrong, of course, because many watchers saw the Vancouver bird and Roberson has the picture in his own book. Kim Eckert (A Birder's Guide to Minnesota) mentioned a sighting in Duluth a few years ago by experienced observers who dismissed it as "impossible".

Short-billed Dowitcher *Limnodromus griseus* 0,0,0

By ten reports of (26) by 3 contributors. The northward movement was from 19-20 May (2,1) Irricana and Sadler Slough JS, WW. Southward movement was from 23 July (3) Sadler Slough to 25 Aug. (2) Sadler Slough JS. Maxima: 19 May, 23 July, 9 Aug. Sadler Slough (2,3,12) JS,WW,JS.

Long-billed Dowitcher *Limnodromus scolapaceus* 1,0,0

Fourteen observers submitted 62 reports. Northward passage was from 5 May (12) Irricana JS to 27 May (1) Sadler Slough HP. Southward passage was from 8 Aug. (16) Eagle Lake WW to 14 Oct. (21) Langdon JT. Maxima: 17 May Sadler Slough (100) CC, 17 July McDonald Lake (80) JP, 6 Aug. Sadler Slough (17) JS, 29 Sept. Lac des Arcs (75-j) JS, 8 Oct. McElroy's Slough (30) WW. Ten day averages are as follows:

	<u>1-10</u>	<u>11-20</u>	<u>21-29/30/31</u>
May	(7)	(66)	(2)
June	(0)	(0)	(0)
July	(8)	(56)	(25)
Aug.	(12)	(3)	(0)
Sept.	(0)	(5)	(75)
Oct.	(0)	(26)	(0)

Common Snipe *Gallinago gallinago* 25,1,0

Recorded from 14 April (1) Namaka Lake JS to 12 Nov. (3) KJ. Twenty-two observers submitted 129 reports. Maxima: 29 April WRWC (10) JP, 6 May Bruce Lake area (12) JS, 16 June Millarville (4) JMack, 2 July Irricana (2) LMG, 21 Aug. Sadler Slough area (9) RWS, 26 Sept. Inglewood BS (3) HP, 10 Oct. Fish Creek PP (16) JP, 3 Nov. Carburn Park (3) DD.

Son's Phalarope *Phalaropus tricolor* 289,0,0

Reported from 15 April (13) Sadler Slough PM to 8 Sept (1) Sadler Slough JS. Seventy-five reports were received from eighteen contributors. Maxima: 12 May Irricana (100) JS, 26 May Lloyd Lake (200) ES, 27 June Shepard (50) JT, 8 July Eagle Lake (50) WW, 12 Aug. Eagle Lake (40) AS, 8 Sept. Sadler Slough (1) JS.

Red-necked Phalarope *Phalaropus lobatus* 0,0,0

Northward passage was reported from 19 May (13) Irricana JS to 26 May (25) Irricana JS. Southward passage was from 6 Aug. (12) Sadler Slough to 16 Sept. (1,000) Namaka JS. Fifteen reports were received from five contributors. Maxima: 26 May Sadler Slough (25) JS, 9 Aug. Sadler Slough (50) JS, 16 Sept. Namaka Lake (1,000) JS.

Red Phalarope *Phalaropus fulicarius* 0,0,0

On 6 Aug (1) was clearly seen at a slough north of Nightingale JS. This was the writer's fifth sighting of this species in the Calgary area in the last seven years.

Parasitic Jaeger *Stercorarius parasiticus* 0,0,0

25 Aug. Nightingale (1) JR (some question as to specific identity) and 16 Sept. Bowmont Flats (1) JP - description available.

Franklin's Gull                      *Larus pipixcan*    95,0,0

Reported from 20 March Inglewood BS (1) DE to 2 Oct. Inglewood BS (2) HP (19 Oct. (1) Claresholm LMG). One hundred and fifteen reports were received from 18 contributors. This prairie gull can often be seen resting on islets at Inglewood BS. Large flocks can frequently be seen at irrigation lakes such as Namaka. Maxima: 21 April Fish Creek PP (300) ES, 23 May Dalemead (500) HP, 19 June Namaka Lake (500) RC, 30 July Namaka Lake (500) LMG, 12 Aug. Namaka Lake (200) AS, 16 Sept. Namaka Lake (5,000)JS.

Bonaparte's Gull                      *Larus philadelphia*    1,0,0

This species was recorded from 15 April (1) Carseland LMG to 25 Oct. (1) Glenmore Res AS. Twelve contributors submitted 39 reports. Maxima 28 April Cochrane Lake (36) JP, 17 May Glenmore Res (13) VF, 6 June Glenmore Res (3) RC, 16 Aug. Sadler Slough (50) JS, 16 Sept. Namaka Lake (200) JS, 21 Oct. Eagle Lake (100) RC.

Ring-billed Gull                      *Larus delawarensis*    159,0,0

Reported from 10 March (1) Nanton DE to 11 Nov. (2) Carburn Park AS. This is a bird that during about an eight month period is seen very frequently around the city. Maxima: 17 Sept. Glenmore Res (7,500) AS, 20 Oct. Glenmore Res (5,000) DC.

California Gull                      *Larus californicus*    1197,0,0

Reported from 9 March (1) Inglewood BS RWS to 10 Nov. (2) Inglewood BS LMG. Most had left by the end of Aug. but a few stayed into Oct. One hundred and eighty-nine reports were received from nineteen observers. Maxima: 31 March Inglewood BS (1,500) CC, 7 April Inglewood BS (1,400) LMG, 27 May Irricana area (1,000) RC, 28 July Bow River in Calgary (30) ES, 19 Aug. Inglewood BS (100) LMG, 1 Sept. Inglewood BS (2) LMG, 10 Oct. Inglewood BS (2) WW.

Herring Gull                      *Larus argentatus*    0,0,0

Reported from 19 March (2) Inglewood BS HP to 31 May (1) Lowery Gardens JT on the northward migration. On the southward migration reported from 10 Aug. (2) Inglewood BS DE to 18 Nov. (1) Inglewood BS AS. Nineteen contributors submitted 150 reports. Maxima: Inglewood BS 4 April (100) CC, 9 May (100) JS, 12 Aug. (6), 26 Sept. (5) HP, 23 Oct. Glenmore Res (8) AS, 11 Nov. Carburn Park (3) AS.

Thayer's Gull                      *Larus thayeri*    0,0,0

The following sightings were reported from Inglewood BS: 6 May (1 imm) JS - description available, 7 May (1 ad) ES - description available, 8 May (2 ad) CW, 9 May (1 ad) JS - description available, 9 May (1 subadult) DC - description available, 11 May (1) DE.

There are less than five previous reports of this species for our area. Whether we are just discovering that unusual gulls may occur in the area with some frequency and that this is one of them or that these were an unusual occurrence will remain unknown for a number of years.

following sightings were reported from Inglewood BS: 6 May (1 subad) JR, ES & CFNS - description available, 6 May (1 ?) DE, 7 May (1 subad) ES et al - description available, 7 May (1 ad ? 1 imm?) LMG - description available, 7 May (1) HP et al - description available, 8 May (1 ad, 1 imm) WS - description available, 11 May (1 ?) DE.

The 1983 A.O.U. Check-List of North American Birds in commenting on certain interior reports of this species states "...but some or perhaps most of these reports probably pertain to *L.thayeri*)." Perhaps also any southern Canadian report away from the St. Lawrence River System and Atlantic Provinces may pertain to a small Glaucous Gull or leucistic gull or albino gull or hybrid gull.

Our Kumlien's race of the Iceland Gull can be confused with Thayer's Gull. If the observer is not familiar with both species a combination of field marks can be used to identify the bird. Unfortunately many of our current field guides do not give all of the identification clues that are necessary for correct separation of species. Most of the writers and illustrators seem to be unfamiliar with "white-winged" type gulls. This is understandable when one considers their domicile and the fact that few of these birds reach the United States. Those of us with more than a casual interest with such gulls then must search through the literature to find the true clues. In my own library I have many articles, collected over the years, on this subject which I have been able to refer to regarding the controversy of the above identification. Also I have been able to draw on my own experience of over twenty years of watching this type of gull where they are frequent.

Confusing at certain times are small Glaucous Gulls. In Europe this is the most likely confusion species as Thayer's has not been reliably reported. Some records there are being changed to Glaucous Gull on re-examination of descriptions and supporting photographs. It has been known for some time that Iceland is not just a small edition of a Glaucous Gull. Fortunately through field experience and a study of the extensive literature on the subject an observer can learn the difference between the two species. Very briefly, the build is different enough so that an experienced gull watcher can see the clues that give each species a distinctive look.

Readers will remember their own difficulty with our common shorebird "peeps". When they started watching shorebirds "peep" species seemed the same but after several years of field work combined with reading on the subject the small differences became obvious and they then wonder why they ever had a difficulty. It is said that the same holds true for the Empidonax flycatchers. Unfortunately I do not have the field experience of the watchers who can identify the last group and to me they all look just about the same. These are examples of birds in our area and I believe that the same problems hold true for certain gull species. Some difficulties here are observer lack of general gull experience, a lack of good illustrations and descriptions and a lack of frequent contact with possible confusion species.

Unfortunately, we in this area seldom see a Glaucous Gull let alone an Iceland Gull and therefore when we see a "white-winged" gull most of the subtle differences may not be immediately obvious. What was obvious to me when I saw the 6 May subadult was that the bird did not look like any of the hundreds of Iceland Gulls that I had seen over many years of counting that species along the St. Lawrence River system. I could not find any diagnostic clues for Iceland. All field marks seemed to indicate a small Glaucous Gull. Just to mention one of the combinations of field marks that I used: the bird had adult dorsal grey feathers which were extremely pale (one experience observer initially called it all white) yet it is well known that our race of Iceland Gull (*L.g.kumlieni*) has an adult grey much darker (Taverner 1953, Scott 1983).

After my disagreement with those who called Iceland Gull the idea was put forth that the gull could have been an aberrant coloured light-winged gull. Hedgren and Larsson (Var Fagelvarld-1973) discuss the problem of the separation of "white-winged" gulls and also discuss leucistic, albino and hybrid gulls. Our subadult bird does not fit the descriptions given for leucistic or albinistic gulls as discussed in their article.

It was also suggested that the bird could have been some sort of hybrid. Hybridization certainly occurs between different species of gulls but little is know of their plumage characteristics. I therefore cannot completely rule out this idea - but why call something that looks like a glaucous a hybrid.

Observers who have had considerable field experience with Iceland Gulls agree that the photographs of the 6 May bird were not positively those of an Iceland Gull.

Glaucous-winged Gull                      *Larus glaucescens*    0,0,0

Reports of an immature at Inglewood BS are as follows: 6 May HP, ES - with description, DE, 7 May HP, ES, 8 May JT, 9 May JS with description, DC with description, 11 May DE. Photographs of an immature are available and were taken by Dr. Vern Jones. Reports of an immature at Carburn Park are as follows: 3-10 Nov. RWS,DC,JS,LMB,SM,VF - several descriptions are available.

Glaucous Gull                                  *Larus hyperboreus*    0,0,0

One immature was reported from Inglewood BS from 5-7 April by RWS,DE,ES,JP,JS,DC,LMB - several descriptions available. One immature at Inglewood BS 6-8 May JS - this is the controversial bird called an Iceland Gull - see discussion under that species. One immature was reported from Carburn Park from 31 Oct - 11 Nov. by DC,DD,AS,WW,RC,PS,JT,DE - some descriptions available.

Caspian Tern                                  *Sterna caspia*    0,0,0

One was reported from Glenmore Res from 12-14 May RC,PS,JT. On 4 Aug. at Lac la Biche DE reported (1).

Common Tern                                  *Sterna hirundo*    4,0,0

Present from 9 May (2) Inglewood BS JS to 6 Oct. (1) Glenmore Park RC - no description for this Oct. record (Forster's Tern is usually later in leaving our area). Eleven contributors submitted 39 reports. Ten day averages are as follows:

	<u>1-10</u>		<u>11-20</u>		<u>21-29/30/31</u>
May	(2)		(2)		(6)
June	(4)		(4)		(0)
July	(0)		(0)		(3)
Aug.	(2)		(18)		(2)
Sept.	(8)		(2)		(3)
Oct.	(1)		(0)		(0)

Maxima: 23 May Dalemead (40) HP, 20 Aug. Carseland (15) LMB, 8 Sept. Glenmore Park (8) RC.

Forster's Tern                                  *Sterna forsteri*    0,0,0

Recorded from 12 May (2) Namaka Lake HP to 23 Sept. (1) Bowmont Flats JS. Twelve reports by seven observers. Most reports were from Namaka Lake where maxima were: 13 May (4) WW, 3 June (6) CC, 30 July (2) LMB, 12 Aug. (5) AS.

Black Tern                                      *Chlidonias niger*    85,0,0

Recorded from 16 May (4) Lloyd Lake area LMB to 16 Sept. (3) Namaka Lake JS. Some maxima were 27 May WRWC (34) DC, 2 June Sadler Slough area (15) JS, 23 July Irricana area (17) LMB, 12 Aug. Eagle Lake (20) AS, 16 Sept. Namaka Lake (3) JS.

Rock Dove                                      *Columba livia*    121, 459, 17

Numbers of birds and records by month are listed below:

Jan.	(110)	13	May	(155)	33	Sept.	(128)	19
Feb.	(73)	10	June	(175)	21	Oct.	(198)	22
March	(80)	9	July	(143)	17	Nov.	(113)	13
April	(244)	25	Aug.	(173)	19	Dec.	(627)	4

Band-tailed Pigeon *Columba fasciata* 0,0,0

One was seen at Inglewood BS 17 April JR and (1) was at Bowmont Flats on 23 and 24 Sept. The Bowmont Flats bird was found by JP and subsequently seen by many observers. A description is included in the appendix of this report.

Mourning Dove *Zenaidura macroura* 18,0,0

The first record was on 8 April east of Calgary (1) JP and CFNS. The last record was on 8 Oct. at Water Valley (1) CH. Two were found on The Snake's Head CBC held on 30 Dec. DC et al. This would appear to be only the second winter record for the Calgary area. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(77)	22	Sept.	(20)	8
Feb.	(0)	0	June	(39)	19	Oct.	(1)	1
March	(0)	0	July	(36)	14	Nov.	(0)	0
April	(1)	1	Aug.	(34)	10	Dec.	(2)	1

Great Horned Owl *Bubo virginianus* 1,8,4

Numbers of birds and records by month are listed below:

Jan.	(13)	8	May	(10)	6	Sept.	(4)	4
Feb.	(9)	8	June	(11)	5	Oct.	(6)	5
March	(23)	17	July	(3)	2	Nov.	(12)	9
April	(20)	15	Aug.	(9)	4	Dec.	(19)	7

Records of nesting at Pekisko RWS, Iddesleigh DE, Namaka JS, Strathmore JT, Irricana DE and at Fish Creek PP PM. These dates ranged from 25 Feb to 12 May.

Screech Owl *Nyctea scandiaca* 0,6,0

The last spring record was on 18 March (9) in the Namaka Lake area JS. The first fall record was on 11 Nov (1) Madden CH. Numbers of birds and records by month are listed below:

Jan.	(7)	5	May	(0)	0	Sept.	(0)	0
Feb.	(18)	8	June	(0)	0	Oct.	(0)	0
March	(23)	6	July	(0)	0	Nov.	(3)	3
April	(0)	0	Aug.	(0)	0	Dec.	(16)	7

Northern Hawk-Owl *Surnia ulula* 0,1,0

All available records are: 1 Nov. Water Valley area (1) RWS, 21 Dec. Twin Bridges (1) LMG, 26 Dec. Twin Bridges (1) RWS.

Northern Pygmy Owl *Glaucidium gnoma* 0,0,0

Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(1)	1	Sept.	(5)	3
Feb.	(0)	0	June	(0)	0	Oct.	(2)	2
March	(7)	6	July	(0)	0	Nov.	(3)	3
April	(8)	5	Aug.	(1)	1	Dec.	(3)	3

Seen at Okotoks Mountain, Water Valley, Turner Valley, Johnston Canyon, Waterton Lakes NP, Sibbald Flats, Brown Bowery NA, Fish Creek PP west, Windy Point, Sundre and Millarville.

Burrowing Owl *Athene cucularia* 0,0,0

All available records follow: 6 May (1) Shepard LMG, 12 May Shepard (1) AS, 13 May (1) Drumheller DE, 26 June (3) Shepard RC, 27 June (6) Shepard JT, 17 July (5) Shepard RWS, 22 July (7) Shepard RWS, 7 Sept. (1) McGregor Lake LMG.

Barred Owl *Strix varia* 0,0,0

The first record was 10 Mach (1) at Water Valley CH and the last record was on 13 Nov. (1) at Windy Point LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(0)	0	Sept.	(4)	2
Feb.	(0)	0	June	(7)	4	Oct.	(4)	3
March	(3)	3	July	(3)	3	Nov.	(1)	1
April	(1)	1	Aug.	(4)	3	Dec.	(0)	0

Locations included Water Valley, Fish Creek PP west, Sibbald Flats and Brown Lowery NA.

Great Gray Owl *Strix nebulosa* 4,0,0

Numbers of birds and records by month are listed below:

Jan.	(2)	2	May	(4)	2	Sept.	(4)	2
Feb.	(0)	0	June	(10)	5	Oct.	(1)	1
March	(5)	3	July	(4)	3	Nov.	(0)	0
April	(4)	3	Aug.	(15)	6	Dec.	(0)	0

Fledged young were found from 27 May to 15 July at WRWC, Swanson Hills and Water Valley area.

Long-eared Owl *Asio otus* 2,0,0

All available records follow: 20 April (2) Priddis DC, 24 April (2) Priddis DC, 13 May (1) Drumheller DE, 26 May (2) with four eggs Priddis DC, 7 Aug. (1 dead) Airdrie RB, 22 Sept. (1) Mazeppa HP, 26 Sept. (1) Inglewood BS HP, 3 Nov. (1) Carburn Park RWS, JS.

Short-eared Owl *Asio flammeus* 0,1,0

All available records are as follows: 3 Jan. (1) Linden RD, 14 Feb. (1 dead) Calgary Airport LB, 5 May (1) Lake Newell RWS, 6 May (1) Bruce Lake AS & CFNS, 12 May (1) Shepard AS, 30 June (1) East Didsbury Bluebird trail BS, 30 July (1) Namaka Lake LMG, 15 Sept. (1 dead) Indus BD, 20 Oct. (1) Weaselhead JP, VF, 27 Oct. (1) Herronton HP, 30 Oct (1) roosting in a yard in Lakeview BC, 14 Nov. (1) Carseland RC.

Boreal Owl *Aegolius funeris* 0,0,0

On 27 March (2) were heard along the Sibbald Flats Road (Hwy 68) RWS et al.

Northern Saw-whet Owl *Aegolius acadicus* 0,0,0

Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(0)	0	Sept.	(0)	0
Feb.	(0)	0	June	(1)	1	Oct.	(3)	3
March	(15)	7	July	(0)	0	Nov.	(0)	0
April	(12)	6	Aug.	(0)	0	Dec.	(2)	2

Reports were from Water Valley, Grand Valley, Winchell Lake, Sibbald Flats, Waterton Lakes NP, Swanson Hills, Brown Lowery NA, North Haven district, Inglewood BS and Nose Hill.



Common Nighthawk *Chordeiles minor* 1,0,0

Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(1)	1	Sept.	(3)	2
Feb.	(0)	0	June	(10)	6	Oct.	(0)	0
March	(0)	0	July	(12)	7	Nov.	(0)	0
April	(0)	0	Aug.	(4)	3	Dec.	(0)	0

Reports were much more frequent than in 1982 and 1983. Locations included Inglewood BS, Lowery Gardens, Swanson Hills, Glenmore Park, Bowmont Flats, Fish Creek PP, Indian Grave Campground, Bow Valley PP, Millarville, Sibbald Flats, Water Valley, Beaverdam Flats and North Haven.

Black Swift *Cypseloides niger* 0,0,0

The only records were from the Banff NP nesting area in Johnston Canyon. 20 July (5 - 4 nests) GS et al, 27 July (4) LMG 2 Sept. (3) including 2 young on nest JP.

Ruby-throated Hummingbird *Archilochus colubris* 0,0,0

All available records follow: 23 June (2) Glenmore Res AS 25 July (5) Lakeview DE.

Calliope Hummingbird *Stellula calliope* 0,0,0

The only record was 10 June (1) at King Creek in Kananaskis Country AW.

Rufous Hummingbird *Selaphorus rufus* 0,0,0

First record was of (1) on 9 May at Millarville JM and the last record of (1) was on 19 Aug. also at Millarville. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(2)	2	Sept.	(0)	0
Feb.	(0)	0	June	(17)	9	Oct.	(0)	0
March	(0)	0	July	(15)	10	Nov.	(0)	0
April	(0)	0	Aug.	(5)	4	Dec.	(0)	0

Belted Kingfisher *Ceryle alcyon* 7,4,0

Numbers of birds and records by month are listed below:

Jan.	(6)	6	May	(40)	31	Sept.	(45)	33
Feb.	(4)	4	June	(6)	5	Oct.	(8)	6
March	(2)	2	July	(12)	10	Nov.	(12)	11
April	(3)	3	Aug.	(46)	29	Dec.	(5)	3

Lewis' Woodpecker *Melanerpes lewis* 0,0,0

On 22 July a sighting of (1) was made at Waterton Lakes NP near Cameron Lake DE.

Yellow-bellied Sapsucker      *Sphyrapicus varius*      16,0,0

The first record was on 28 April at Baines Ridge (2) RWS and the last record was on 29 Sept. at Bragg Creek LMG. Nesting records on 23 June at Glenmore Park and 10 July at Fish Creek PP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(40)	21	Sept.	(12)	8
Feb.	(0)	0	June	(32)	22	Oct.	(0)	0
March	(0)	0	July	(26)	16	Nov.	(0)	0
April	(4)	2	Aug.	(14)	8	Dec.	(0)	0

Williamson's Sapsucker      *Sphyrapicus thyroideus*      0,0,0

A male was described on 20 Sept. at Brown Lowery NA LMG. Please note - no photographs and bird was seen very fleetingly. The male should be unmistakable however. This species has been reported only once in Alberta before - at Waterton Lakes NP. The description of this observation is included in the appendix.

Downy Woodpecker      *Picoides pubescens*      15,40,13

Breeding records on 14 June at Bowness Park JP and on 1 July also at Bowness Park JG. Numbers of birds and records by month are listed below:

Jan.	(50)	12	May	(38)	28	Sept.	(72)	40
Feb.	(36)	14	June	(22)	15	Oct.	(38)	23
March	(38)	24	July	(25)	18	Nov.	(30)	21
April	(39)	22	Aug.	(38)	24	Dec.	(95)	14

Hairy Woodpecker      *Picoides villosus*      11,16,10

Numbers of birds and records by month are listed below:

Jan.	(22)	9	May	(20)	12	Sept.	(11)	10
Feb.	(19)	8	June	(15)	12	Oct.	(11)	11
March	(17)	13	July	(1)	1	Nov.	(10)	6
April	(5)	4	Aug.	(2)	2	Dec.	(40)	8

Three-toed Woodpecker      *Picoides tridactylus*      4,5,3

Numbers of birds and records by month are listed below:

Jan.	(12)	3	May	(4)	2	Sept.	(3)	3
Feb.	(13)	5	June	(4)	4	Oct.	(9)	8
March	(5)	3	July	(2)	1	Nov.	(2)	2
April	(3)	2	Aug.	(1)	1	Dec.	(14)	8

This species was recorded from The Snake's Head CBC, Brown Lowery NA, Okotoks Mt., Morley, Water Valley, Sibbald Flats, Elbow Falls, Ford Creek, Swanson Hills, Turner Valley, Glenmore Park, Lowery Gardens, Edworthy Park, Bowness Park and Horseshoe Canyon CBC.

Black-backed Woodpecker      *Picoides arcticus*      0,0,0

All available records follow: 31 Jan & 1 Feb (15,,14) Red Earth area JP, 12-16 June (1) Bowness Park JP,RWS,VF,AS, 6-27 Oct. (1) possibly more Glenmore Park, JP,ES,RC,RWS.

Northern Flicker*Colaptes auratus*

66,4,0

Breeding reported only from Dyson Creek Trail AW. Numbers of birds and records by month are listed below:

Jan.	(8)	7	May	(233)	93	Sept.	(110)	45
Feb.	(2)	2	June	(73)	44	Oct.	(6)	5
March	(17)	15	July	(73)	34	Nov.	(4)	4
April	(99)	55	Aug.	(119)	38	Dec.	(6)	3

Pileated Woodpecker*Dryocopus pileatus*

1,1,0

Numbers of birds and records by month are listed below:

Jan.	(7)	3	May	(1)	1	Sept.	(2)	2
Feb.	(3)	3	June	(5)	5	Oct.	(2)	2
March	(4)	3	July	(1)	1	Nov.	(2)	2
April	(5)	5	Aug.	(4)	2	Dec.	(11)	7

Olive-sided Flycatcher*Contopus borealis*

3,0,0

The first record was on 21 May at Fish Creek PP (1) PM and the last record was on 20 Sept. in Brentwood (1) JP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(4)	2	Sept.	(3)	3
Feb.	(0)	0	June	(14)	11	Oct.	(0)	0
March	(0)	0	July	(2)	2	Nov.	(0)	0
April	(0)	0	Aug.	(5)	5	Dec.	(0)	0

Western Wood Pewee*Contopus sordidulus*

81,0,0

The first record was on 11 May at Glenmore Park S (1) ES and the last was on 2 Oct. on Bow Crescent LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(131)	35	Sept.	(13)	7
Feb.	(0)	0	June	(160)	53	Oct.	(2)	1
March	(0)	0	July	(121)	34	Nov.	(0)	0
April	(0)	0	Aug.	(82)	33	Dec.	(0)	0

Alder Flycatcher*Empidonax alnorum*

1,0,0

The first record was on 27 May (1) at WRWC DC et al and the last record was on 5 Aug. at Sibbald Flats (5) JS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(2)	2	Sept.	(0)	0
Feb.	(0)	0	June	(90)	40	Oct.	(0)	0
March	(0)	0	July	(19)	7	Nov.	(0)	0
April	(0)	0	Aug.	(50)	1	Dec.	(0)	0

Willow Flycatcher*Empidonax traillii*

0,0,0

All available sightings are: 24 June (1) Highwood BBS DC, 28 June (1) Kananaskis LMG, 2 July Highwood Group Camp (2) et al.

Least Flycatcher*Empidonax minimus*

301,0,0

The first sighting was on 26 April (1) at Millarville JM and the last sighting was on 25 Sept. (1) at Bowmont Flats JP. Nesting reported at Indian Grave Campground HP and Fish Creek LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(41)	31	Sept.	(13)	13
Feb.	(0)	0	June	(248)	59	Oct.	(0)	0
March	(0)	0	July	(81)	28	Nov.	(0)	0
April	(1)	1	Aug.	(53)	25	Dec.	(0)	0

Dusky Flycatcher*Empidonax oberholseri*

3,0,0

The following are all the reported sightings: 25 May (1) Sheep River AW, 26-31 May (1) North Haven J&GMCC, 27 May (2) WRWC DC et al, 2 June (3) Yamnuska NA AW, 2 June (4) Fish Creek PP W AS, 10 June (3 calling) Sandy McNabb Crossing AW, 12 June (1 calling) Bowness Park, DC. 16 June (1) Sibbald Flats JS, 19 June (4) Fish Creek PP W RWS, 24 June (6) Highwood BBS DC, 24 June (1) Windy Point at Sheep River WW, 24 June (1 calling) Bow Valley PP DE, 25 June (3) Sibbald Flats JT, 28 June (2) Kananaskis LMG, 24 July (1) Sibbald Flats JS, 5 Aug (6 calling) Windy Point LMG, 6 Aug. (1 calling) Powder Face Trail LMG.

Western Flycatcher*Empidonax difficilis*

2,0,0

All available records follow: 26 May Glenmore Park (1) RC, 27 May Calgary/Irricana (1) RC, 14 June Fish Creek PP (1) WW, 17 June Glenmore Park (2) RC, 22 June Mesa Butte (1) JP, 24 June Highwood BBS (3) DC, 7 July Sullivan/Storm Creek (1) RWS, 21 Aug. Glenmore Park (1) RC. There are some odd locations for this species. Visual identification can be difficult for all *Empidonax* species.

Eastern Phoebe*Sayornis phoebe*

10,0,0

The first record was on 21 April at Water Valley CH and the last record was on 25 Sept. at Inglewood BS HP et al. A very unusual nesting record at Inglewood BS on 8 July AW. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(14)	0	Sept.	(3)	2
Feb.	(0)	0	June	(7)	6	Oct.	(0)	0
March	(0)	0	July	(3)	2	Nov.	(0)	0
April	(6)	6	Aug.	(5)	4	Dec.	(0)	0

Say's Phoebe*Sayornis saya*

0,0,0

All available records follow: 15 May Glenmore Res (1) AS, 19 May Glenmore Park (1) RC, 21 May Glenmore Park (1) RC, 17 June Rosebud/Beynon (4) RWS, 23 July Irricana Sloughs (1) LMG, 6 Aug. Delacour (1) AW, 26 Aug. Irricana Sloughs (4) DE, 30 Aug. Waiparous Creek (1) VF, 3 Sept. near Morley (1) JP, 3 Sept. Sibbald Flats (1) JS, 22 Sept. Blackie (1) HP.

Western Kingbird*Tyrannus verticalis*

2,0,0

The first record was on 17 May at Kinbrook Island PP LMG. The last record was on 26 Aug. at Irricana DE and class. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(19)	5	Sept.	(0)	0
Feb.	(0)	0	June	(7)	4	Oct.	(0)	0
March	(0)	0	July	(27)	6	Nov.	(0)	0
April	(0)	0	Aug.	(32)	8	Dec.	(0)	0

Eastern Kingbird*Tyrannus tyrannus*

22,0,0

first record was on 19 May at Kananaskis (1) LMG and the last record was on 15 Sept. at Inglewood BS WW. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(35)	17	Sept.	(2)	2
Feb.	(0)	0	June	(66)	0	Oct.	(0)	0
March	(0)	0	July	(108)	31	Nov.	(0)	0
April	(0)	0	Aug.	(243)	39	Dec.	(0)	0

Horned Lark*Eremophila alpestris*

3,0,0

Recorded every month except Nov. to Jan with highest counts in April and March respectively. One bird reported calling on 14 April at Beaupre Lake LMG. The earliest record was 5 Feb at Beynon/Drumheller RWS and the latest on 23 Oct. at Bears paw LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(69)	15	Sept.	(15)	1
Feb.	(115)	10	June	(26)	7	Oct.	(299)	9
March	(220)	22	July	(8)	5	Nov.	(0)	0
April	(534)	27	Aug.	(1)	1	Dec.	(0)	0

Tree Swallow*Tachycineta bicolor*

586,0,0

The earliest record was 14 April at Radnor LMG and the latest on 26 Aug. at Irricana DE. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(2666)	105	Sept.	(0)	0
Feb.	(0)	0	June	(495)	60	Oct.	(0)	0
March	(0)	0	July	(431)	41	Nov.	(0)	0
April	(391)	27	Aug.	(48)	13	Dec.	(0)	0

Violet-green Swallow*Tachycineta thalassina*

6,0,0

All observations are listed: 4 May Inglewood BS (1) DE, 26 May Elbow Falls area (6) LMG, 2 June Fish Creek PP (1) MC, 9 June Alta Exp. Farm (2) LMG, 5 Aug. Mt. Norquay (20) DC,JP, 6 Aug. Powderface Trail (5) LMG, 7 Aug. Springbank (1) photographed at nest box KM.

Northern Rough-winged Swallow *Stelgidopteryx serripennis*

67,0,0

Earliest record was 20 April JP and latest was 9 Sept. VF. No reports of breeding. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(185)	35	Sept.	(1)	1
Feb.	(0)	0	June	(81)	20	Oct.	(0)	0
March	(0)	0	July	(96)	14	Nov.	(0)	0
April	(4)	3	Aug.	(32)	5	Dec.	(0)	0

Bank Swallow*Riparia riparia*

219,0,0

The first sighting of the year was on 5 May VF and the last was on 24 Sept. JP. No reports of breeding. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(488)	26	Sept.	(4)	4
Feb.	(0)	0	June	(348)	26	Oct.	(0)	0
March	(0)	0	July	(235)	21	Nov.	(0)	0
April	(0)	0	Aug.	(103)	8	Dec.	(0)	0

Cliff Swallow *Hirunda pyrrhonota* 165,0,0

Earliest record was 16 May LMG and the latest was on 1 Sept. when JP saw two adults with one young on nest. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(431)	15	Sept.	(3)	1
Feb.	(0)	0	June	(975)	17	Oct.	(0)	0
March	(0)	0	July	(607)	19	Nov.	(0)	0
April	(0)	0	Aug.	(354)	8	Dec.	(0)	0

Barn Swallow *Hirundo rustica* 440,0,0

The first sighting of the season was on 29 April DC and the last was on 26 Sept. HP. Numbers of birds and records by month are listed:

Jan.	(0)	0	May	(801)	73	Sept.	(80)	11
Feb.	(0)	0	June	(292)	42	Oct.	(0)	0
March	(0)	0	July	(173)	25	Nov.	(0)	0
April	(2)	1	Aug.	(455)	25	Dec.	(0)	0

Gray Jay *Perisoreus canadensis* 6,0,39

Seen every month of the year. One adult and two immatures seen by LMG in Elbow Falls vicinity during May Species Count. Numbers of birds and records by month are listed below:

Jan.	(44)	6	May	(7)	4	Sept.	(32)	5
Feb.	(31)	9	June	(47)	12	Oct.	(4)	3
March	(31)	8	July	(5)	3	Nov.	(10)	3
April	(20)	10	Aug.	(9)	4	Dec.	(60)	5

Steller's Jay *Cyanocitta stelleri* 0,0,0

An individual was seen at Fish Creek PP on the following dates: 29 Jan (1) AS, 1 Feb. (1) JB,RP, 10 Feb (1) LMG. These were the only reports from our immediate area.

Blue Jay *Cyanocitta cristata* 11,14,23

This species continues to expand its range and numbers. Twenty-three on the WRWC CBC equalled the 1983 high total. No breeding reports were received. Numbers of birds and records by month are listed below:

Jan.	(53)	11	May	(34)	16	Sept.	(58)	25
Feb.	(26)	9	June	(9)	6	Oct.	(62)	25
March	(46)	15	July	(13)	6	Nov.	(29)	12
April	(17)	10	Aug.	(23)	8	Dec.	(94)	6

Clark's Nutcracker *Nucifraga columbiana* 0,0,0

Locations and frequency of sightings both increased this year. No indication of breeding. All available records are: 2 Feb. Pekisko (3) RWS, 1 April Wildcat Hills (2) AS,JP, 12 April Beaufre Lake and Hill (2) JP, 3 June Missing Link Mt. (3) AW, 24 June Highwood BBS (1) DC, 5 Aug. Windy Point (23) LMG, 1 Sept. Indian Graves Campground (2) HP, 15 Sept. Sibbald Flats (1) JS.

Black-billed Magpie*Pica pica*

270,877,105

Numbers of birds and records by month are listed below:

Jan.	(357)	25	May	(1077)	120	Sept.	(616)	64
Feb.	(597)	42	June	(634)	71	Oct.	(573)	61
March	(1189)	91	July	(557)	45	Nov.	(348)	45
April	(1030)	98	Aug.	(353)	39	Dec.	(1227)	10

American Crow*Corvus brachyrhynchos*

107,9,0

Seen year-round though numbers low in winter. Large flocks seen in April (200) DC and Sept. (200) and (500) RWS. Numbers of birds and records by month are listed:

Jan.	(13)	4	May	(697)	123	Sept.	(1114)	44
Feb.	(29)	7	June	(291)	61	Oct.	(49)	16
March	(133)	36	July	(228)	38	Nov.	(2)	1
April	(1573)	117	Aug.	(501)	24	Dec.	(13)	3

Common Raven*Corvus corax*

23,49,74

Seen year round and most numerous in winter. Large numbers seen in Feb. (138) AS and (155) LMG. Numbers of birds and records by month are listed below:

Jan.	(300)	27	May	(58)	26	Sept.	(101)	23
Feb.	(680)	33	June	(45)	21	Oct.	(126)	32
March	(270)	55	July	(37)	13	Nov.	(58)	23
April	(164)	49	Aug.	(19)	10	Dec.	(295)	13

Black-capped Chickadee*Parus atricapillus*

81,389,218

Numbers of birds and records by month are listed below:

Jan.	(466)	31	May	(383)	94	Sept.	(574)	62
Feb.	(448)	37	June	(261)	57	Oct.	(563)	62
March	(510)	78	July	(171)	36	Nov.	(212)	36
April	(278)	58	Aug.	(373)	51	Dec.	(857)	11

Mountain Chickadee*Parus gambeli*

4,2,7

Seen in small numbers in most months. In Calgary the species was seen twice in Edworthy Park, otherwise mostly in the foothills and mountains. One Mountain x Black-capped was reported by DE at Waterton Lakes NP on 22 July. Numbers of birds and records by month are listed below:

Jan.	(27)	4	May	(4)	2	Sept.	(0)	0
Feb.	(5)	2	June	(4)	3	Oct.	(6)	4
March	(20)	5	July	(4)	3	Nov.	(0)	0
April	(10)	6	Aug.	(0)	0	Dec.	(20)	4

Boreal Chickadee

Parus hudsonicus

9,54,46

Breeding was confirmed by JP at Bowness Park on 18 June with two adults and four young in a nest. Numbers of birds and records by month are listed below:

Jan.	(144)	12	May	(23)	9	Sept.	(40)	14
Feb.	(47)	12	June	(45)	22	Oct.	(62)	20
March	(54)	17	July	(28)	10	Nov.	(10)	4
April	(64)	15	Aug.	(20)	8	Dec.	(189)	7

Chestnut-backed Chickadee

Parus rufescens

0,0,0

No birds were seen in the Calgary area, but 2 records were received: 8 & 19 Oct. Waterton Lakes NP (2) & (5) RWS & LMG.

Red-breasted Nuthatch

Sitta canadensis

16,12,1

Numbers of birds and records by month are listed:

Jan.	(6)	5	May	(46)	26	Sept.	(120)	43
Feb.	(7)	6	June	(134)	54	Oct.	(13)	9
March	(9)	6	July	(44)	23	Nov.	(3)	3
April	(21)	13	Aug.	(141)	46	Dec.	(31)	5

White-breasted Nuthatch

Sitta carolinensis

0,0,0

Numbers of birds and records by month are listed below:

Jan.	(24)	10	May	(9)	7	Sept.	(23)	17
Feb.	(13)	9	June	(0)	0	Oct.	(17)	13
March	(14)	9	July	(2)	1	Nov.	(6)	6
April	(7)	5	Aug.	(1)	1	Dec.	(18)	4

Brown Creeper

Certhia americana

0,8,0

One bird heard singing on 20 May at Turner Valley LMG. Numbers of birds and records by month are listed below:

Jan.	(6)	6	May	(1)	1	Sept.	(3)	3
Feb.	(1)	1	June	(0)	0	Oct.	(12)	9
March	(3)	3	July	(0)	0	Nov.	(2)	2
April	(3)	2	Aug.	(1)	1	Dec.	(10)	2

Rock Wren

Salpinctes obsoletus

1,0,0

Reports of this species were numerous compared to previous years including the first one seen on the Calgary May species count by JT. Breeding was confirmed at Beddington Creek by JP on 17 July when he saw two adults gathering food. Also WW saw two adults and four fledglings in Castleridge district on 22 July. All records to follow: 17 May Dinosaur PP (1) LMG, 18 May Nose Hill (1) JP, 23 May Bow River west of Calgary (2) JP, 27 May Lowery Gardens (1) JR, 10 June Bearspaw (1) JP, 12 June Nose Hill (4) JP, 20 June Nose Hill (3) JP, 23 June Beddington Creek (2) JP, 24 June Windy Pt/Sheep River (5) WW, 27 June Nose Hill (1) JP, 22 July Castleridge district (6) WW, 18 Aug. Bowmont Flats (1)JP, 23 Aug. Cochrane (5) AF, 29 Sept. McKinnon Flats VF.



House Wren*Troglodytes aedon*

83,0,0

earliest record was 19 May WW and the latest was 26 Sept. HP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(122)	26	Sept.	(47)	21
Feb.	(0)	0	June	(160)	46	Oct.	(0)	0
March	(0)	0	July	(80)	31	Nov.	(0)	0
April	(0)	0	Aug.	(105)	29	Dec.	(0)	0

Winter Wren*Troglodytes troglodytes*

2,0,0

This species was seen more often than previously including a first for the Calgary May species count when one was singing in the Elbow Falls area LMG. All records follow: 26 May Elbow Falls area (2) LMG, 26 May Lake Louise (1) DE, 29 May Evan-Thomas Creek (1) AW, 28 June Kananaskis (1) LMG, 25 & 26 Sept. Inglewood BS (1) HP, 6 Oct. Waterton Lake NP (1) RWS

Marsh Wren*Cistothorus palustris*

0,0,0

All records follow: 21 May Namaka area (1) CC, 27 May Cheadle (1) HP, 2 June Sadler Slough/Nightingale (2) JS, 3 June Namaka (3) CC, 23 July Sadler Slough area (10) JS, 29 July Irricana (1) DE, 30 July Bruce Lake (2) LMG, 30 July Namaka Lake (2) AS, 12 Aug. Irricana area (1) DE, 12 Aug. Irricana (1) DE.

American Dipper*Cinclus mexicanus*

4,0,3

All records follow: 2 Jan. The Snake's Head CBC (1) DC, 4 Feb. Elbow Falls (1) DE, 3 March Elbow Falls (1) LMG, 17 March Morley (3) JP, 18 March Longview area (2) LMG, 28 March Bowmont-Bearspaw (1) JP, 26 May Elbow Falls area (2) LMG, 27 May Clem Gardner Bridge KJoh, 3 June Sheep Falls area (3) AW, 7 July Sullivan/Storm Creeks (1) RWS, 1 Dec. Bald Flats (1) RWS, 29 Dec. WRWC CBC (3) JP, 30 Dec. The Snake's Head CBC (2) DC.

Golden-crowned Kinglet*Regulus satrapa*

19,9,1

Two birds were reported singing on 20 May at Turner Valley LMG and an immature male was seen at Fish Creek PP on 9 Sept. RWS. Numbers of birds and records by month are listed below:

Jan.	(9)	3	May	(52)	14	Sept.	(24)	9
Feb.	(0)	0	June	(41)	22	Oct.	(40)	18
March	(3)	2	July	(9)	2	Nov.	(1)	1
April	(12)	6	Aug.	(20)	3	Dec.	(12)	3

Ruby-crowned Kinglet*Regulus calendula*

131,0,0

First of the season was spotted in Haysboro district on 15 April AS and the last were seen on 21 Oct. at Edworthy Park ES & at Fish Creek PP RWS. Birds were heard singing at many locations from April through June but no confirmed breeding reports. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(230)	52	Sept.	(690)	43
Feb.	(0)	0	June	(135)	46	Oct.	(40)	18
March	(0)	0	July	(28)	12	Nov.	(0)	0
April	(28)	13	Aug.	(11)	6	Dec.	(0)	0

Eastern Bluebird*Sialia sialis*

0,0,0

bird was seen on 30 March at Water Valley by CH. A description has been submitted and is included in the appendix of this report.

Western Bluebird*Sialia mexicana*

4,0,0

The first provincial breeding for this species was recorded when two pairs set up home in nestboxes at a location SW of Calgary. A total of 18 nestlings were banded prior to fledging. The birds were observed and photographed by JB, DE and ES on 7 April, 7 May and 26 July.

Mountain Bluebird*Sialia currucoides*

49,0,0

First record for the year was on 18 March at Morley/Seebe RWS. Two late records both of single females were at Glenmore Park on 29 Oct. AS and 4 Nov. RW. Complete details of breeding success along Bluebird trails is available from DS. Two flocks of (100) and one of (200) were seen at Millarville by JMack between 7 and 23 Sept.

Jan.	(0)	0	May	(88)	14	Sept.	(667)	17
Feb.	(0)	0	June	(139)	16	Oct.	(1)	1
March	(22)	9	July	(105)	16	Nov.	(1)	1
April	(127)	28	Aug.	(45)	6	Dec.	(0)	0

Townsend's Solitaire*Myadestes townsendi*

16.0.0

Sightings in Calgary were more common than in 1983 with a peak occurring in May. An individual was heard singing on 27 May in the Ford Creek area by LMG and a juvenile was seen at Powderface Trail/Canyon Creek on 6 Aug. by LMG. Numbers of birds and records by month are listed below:

Jan.	(7)	7	May	(33)	18	Sept.	(40)	17
Feb.	(3)	3	June	(15)	6	Oct.	(10)	7
March	(0)	0	July	(5)	5	Nov.	(0)	0
April	(11)	10	Aug.	(1)	1	Dec.	(0)	0

Veery*Catharus fuscescens*

3,0,0

The earliest record for the season was on 6 May at Water Valley by DE and the last sighting was 19 Sept. at Inglewood BS by RWS. Birds were heard singing in June by RWS at Weaselhead and Fish Creek PP but no other breeding reports. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(6)	5	Sept.	(1)	1
Feb.	(0)	0	June	(45)	22	Oct.	(0)	0
March	(0)	0	July	(16)	8	Nov.	(0)	0
April	(0)	0	Aug.	(10)	1	Dec.	(0)	0

Swainson's Thrush*Catharus ustulatus*

19,0,0

Earliest record was at Water Valley on 6 May (1) DE and the latest on 30 Sept. (1) in SW Calgary JT. Breeding was confirmed by JP when he found a bird on a nest with three eggs at Kangienos Lake on 8 July. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(38)	23	Sept.	(32)	12
Feb.	(0)	0	June	(99)	22	Oct.	(0)	0
March	(0)	0	July	(16)	11	Nov.	(0)	0
April	(0)	0	Aug.	(3)	3	Dec.	(0)	0

Hermit Thrush*Catharus guttatus*

9,0,0

first record for the year was (1) on 22 April at Sibbald Flats LMG and the latest was on 30 Sept. SW Calgary (1) JT. Birds were heard singing in April and May but no other breeding records. Numbers of birds and records by month are listed:

Jan.	(0)	0	May	(26)	13	Sept.	(19)	11
Feb.	(0)	0	June	(26)	10	Oct.	(0)	0
March	(0)	0	July	(15)	8	Nov.	(0)	0
April	(4)	3	Aug.	(0)	0	Dec.	(0)	0

American Robin*Turdus migratorius*

554,0,0

First sighting was on 6 March at Carburn Park OD and the last was on 28 Nov. Glenmore Park N AS. The largest flock (160) was seen at Glenmore Park on 19 Sept. LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(1396)	129	Sept.	(1634)	71
Feb.	(0)	0	June	(582)	89	Oct.	(143)	30
March	(254)	59	July	(472)	60	Nov.	(13)	6
April	(749)	91	Aug.	(343)	44	Dec.	(0)	0

Varied Thrush*Ixorius naevius*

2,1,0

Sightings for this species increased dramatically over previous years. Though most sightings were in the foothills and mountains birds were also seen in the NW and SW of the city. Birds were singing from April through Sept. and (1) immature was at North Haven on 9 July J&GMCC. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(7)	4	Sept.	(14)	12
Feb.	(0)	0	June	(11)	3	Oct.	(5)	5
March	(5)	2	July	(9)	7	Nov.	(0)	0
April	(25)	4	Aug.	(1)	1	Dec.	(1)	1

Gray Catbird*Dumetella carolinensis*

4,0,0

First sightings for the season were made during the May Species Count at Fish Creek PP EH and Carseland HP. Last sighting was on 23 Sept. at Bowmont Flats (1) JP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(7)	4	Sept.	(6)	5
Feb.	(0)	0	June	(27)	19	Oct.	(0)	0
March	(0)	0	July	(6)	3	Nov.	(0)	0
April	(0)	0	Aug.	(10)	6	Dec.	(0)	0

Brown Thrasher*Toxostoma rufum*

2,0,0

Earliest record for the year was on 22 May at Bowmont Flats (2) JP and the latest was 18 Sept. at Glenmore Park (1) AS. Sightings were more numerous than in the previous years and all but three were in city natural areas. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(14)	9	Sept.	(8)	5
Feb.	(0)	0	June	(7)	7	Oct.	(0)	0
March	(0)	0	July	(7)	4	Nov.	(0)	0
April	(0)	0	Aug.	(4)	3	Dec.	(0)	0

Wagtail species

0,0,0

Two immatures were seen at Water Valley by CH on 14 Sept. A description was submitted and is included in the appendix. The birds were clearly either White or Black-backed Wagtails. These two species are said to be indistinguishable in juvenile and immature plumage (Scott 1984).

Water Pipit

Anthus spinoletta

7,0,0

First record was on 13 April when (6) were seen by AS at Glenmore Res and the last record was 21 Oct. when (3) were seen by RC at Eagle Lake. A flock of (150) were seen at Cochrane Lake by JP on 28 April. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(66)	7	Sept.	(5)	3
Feb.	(0)	0	June	(18)	2	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(286)	13	Aug.	(184)	15	Dec.	(0)	0

Sprague's Pipit

Anthus spragueii

1,0,0

The first record was on 12 May in the Shepard vicinity (2) AS. The last record of the year was a flock of (60) on 20 Sept. in the Priddis area LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(18)	10	Sept.	(6)	1
Feb.	(0)	0	June	(41)	12	Oct.	(0)	0
March	(1)	1	July	(9)	6	Nov.	(0)	0
April	(0)	0	Aug.	(1)	1	Dec.	(0)	0

Bohemian Waxwing

Bombycilla garrulus

0,2505,0

Late date was 30 May at North Haven J&GMCC. Early date was 3 Oct. at Glenmore Park AS. Oct. through April are the months to see this species. Huge flocks were seen - 13 Jan (2,000) at Blendale DE - and sightings of (200) to (500) were frequent from Dec. to April. Numbers of birds and records by month are listed below:

Jan.	(5285)	26	May	(77)	9	Sept.	(0)	0
Feb.	(31)	2	June	(0)	0	Oct.	(643)	20
March	(1082)	15	July	(0)	0	Nov.	(422)	15
April	(575)	9	Aug.	(0)	0	Dec.	(3140)	8

Cedar Waxwing

Bombycilla cedrorum

15,2,0

This species nicely dovetails with the preceding species with a slight overlap in May and Oct. June to Sept. are the months when the Waxwings are almost certain to be Cedar. The first one seen was on 12 May at Weasehead JT and (2) were seen on 31 Oct. at North Haven J&GMCC which would have been the late date except that (2) were reported on the Calgary CBC. JP found (2) young on a nest on 8 Sept. at Rowmont Flats.

Northern Shrike

Lanius excubitor

0,0,0

Numbers seen were higher than the last two years. Late date for the year was (1) at Sibbald Flats on 13 April LMG and the earliest fall record was (1) at Edworthy park on 29 Sept. DH. One individual was heard singing on 7 Oct. at Lowery Gardens by JT. Numbers of birds and records by month are listed over:

Jan.	(5)	2	May	(0)	0	Sept.	(4)	4
Feb.	(4)	4	June	(0)	0	Oct.	(21)	20
March	(7)	5	July	(0)	0	Nov.	(15)	13
April	(3)	2	Aug.	(0)	0	Dec.	(6)	5

Loggerhead Shrike

Lanius ludovicianus

0,0,0

No reports of breeding this year. All records received follow: ~~23 March Grand Valley (1) J&DMC~~, 18 & 25 Aug. Irricana (1 & 2) JS, 26 Aug. Irricana (2) DE, 30 Sept. Millarville. (1) LMG.

NSHR!

European Starling

Sturnus vulgaris

667,162,0

No large flocks were seen this year but smaller flocks of (100) to (500) were recorded frequently. Numbers of birds and records by month are listed below:

Jan.	(55)	9	May	(3054)	103	Sept.	(1864)	35
Feb.	(89)	7	June	(899)	53	Oct.	(1105)	37
March	(2444)	69	July	(946)	32	Nov.	(268)	21
April	(2557)	97	Aug.	(666)	29	Dec.	(176)	3

Solitary Vireo

Vireo solitarius

4,0,0

Observed in higher numbers than in the two previous years. The first record was (1) on 20 May at Turner Valley LMG and the last was (1) on 24 Sept. at Bowmont Flats JP. Singing males were seen at Sandy McNabb Crossing 10 June AW et al and on Shawnee Golf Course 15 June DC. An adult was seen feeding a juvenile in Fish Creek PP west 11 Aug. DC,JP. This is the first confirmed breeding record in our area in three years although birds were recorded on territory at this location last year. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(8)	7	Sept.	(7)	7
Feb.	(0)	0	June	(8)	8	Oct.	(0)	0
March	(0)	0	July	(2)	2	Nov.	(0)	0
April	(0)	0	Aug.	(11)	8	Dec.	(0)	0

Warbling Vireo

Vireo gilvus

30,0,0

First observed 12 May (1) at Inglewood BS DE and last observed 25 Sept (1) at Inglewood BS JP et al. As usual high numbers were reported in May and June and much lower numbers later in the season with no appreciable fall peak. The spring passage peaked on 26 & 27 May while the highest count was (19) on 24 June on the Highwood BBS DC et al. Observed in many locations west of the city. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(53)	27	Sept.	(9)	8
Feb.	(0)	0	June	(101)	35	Oct.	(0)	0
March	(0)	0	July	(26)	16	Nov.	(0)	0
April	(0)	0	Aug.	(26)	18	Dec.	(0)	0

Philadelphia Vireo *Vireo philadelphicus* 1,0,0

Reported from only three locations this year. All records follow: 26 May, 1,3,17 June, 14 July, 6 Aug. Water Valley (1) except 3 June (2) CH, 4 Sept. Weaselhead (1-descr) RWS, 18 Sept. North Haven (1) J&GMCC.

Red-eyed Vireo *Vireo olivaceus* 2,0,0

First observed 26 May (1) in Glenmore Park S RC and last observed 24 Sept. (1) at Bowmont Flats JP. Somewhat more widely reported than last year but no counts of more than five. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(10)	5	Sept.	(9)	6
Feb.	(0)	0	June	(64)	29	Oct.	(0)	0
March	(0)	0	July	(23)	12	Nov.	(0)	0
April	(0)	0	Aug.	(23)	11	Dec.	(0)	0

Tennessee Warbler *Vermicora peregrina* 31,0,0

The first record was (1) 15 May at Inglewood BS WW and the last were singles on 30 Sept. at Edworthy Park DH and Queensland PSt. The highest spring count was (16) 27 May on the WRWC May count DC et al and the highest summer count was (30) 10 June Brown Lowery NA JT et al. Fall migration numbers far surpassed last year with a wave going through in mid-Aug. and another in mid-Sept. Highest counts were (40) 14 Aug. Bowness Park JP and (25) 14 Sept. Lowery Gardens RWS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(46)	13	Sept.	(61)	19
Feb.	(0)	0	June	(213)	58	Oct.	(0)	0
March	(0)	0	July	(21)	15	Nov.	(0)	0
April	(0)	0	Aug.	(180)	25	Dec.	(0)	0

Orange-crowned Warbler *Vermivora celata* 8,0,0

Observed from 5 May (1) Glenmore Park N JT to 3 Oct. (1) North Haven J&GMCC. Small numbers were well distributed in May and June and again in fall. For the third year running a singing male was recorded in the Weaselhead on 10 June (1) DC. Thirty (30) were counted at Inglewood BS on 14 Sept. HP while a noteworthy passage occurred on 25 & 26 Sept. when (100) were seen at Lowery Gardens RWS and (40) at Inglewood BS HP et al. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(27)	19	Sept.	(311)	41
Feb.	(0)	0	June	(25)	13	Oct.	(2)	2
March	(0)	0	July	(2)	2	Nov.	(0)	0
April	(0)	0	Aug.	(29)	17	Dec.	(0)	0

Nashville Warbler *Vermivora ruficailla* 0,0,0

There were four records compared to one in 1983 and five in 1982. All follow with one from outside the area: 19 May Irricana (1) JS, 26 May Lake Louise (1) DE et al, 28 Aug. Inglewood BS (1) RWS et al, 14 Sept. Lowery Gardens (1) RWS, 18 Sept. North Haven (1) J&GMCC.

Yellow Warbler*Dendroica petechia*

163,0,0

A first record was on 15 May (1) Lowery Gardens JT and the last on 26 Sept (3) Inglewood BS JP et al. As usual there was a large influx in late May with (50) in the Weaselhead on 27th ES et al - the highest count. Reports were numerous and widespread throughout the breeding season and no heavy fall movement was noted. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(271)	55	Sept.	(15)	7
Feb.	(0)	0	June	(241)	59	Oct.	(0)	0
March	(0)	0	July	(108)	31	Nov.	(0)	0
April	(0)	0	Aug.	(101)	32	Dec.	(0)	0

Chestnut-sided Warbler*Dendroica pensylvanica*

0,0,0

A singing male was described in Lowery Gardens on 1 July by JT. The only other record from this area in the past three years is of a male in the same location on 13 June 1982.

Magnolia Warbler*Dendroica magnolia*

0,0,0

Only three records this year compared to eleven in 1983 and ten in 1982. As in both previous years there was a record in Oct. All records follow: 11 June Bowness Park (1) singing male - description JP, 11 Sept. Lowery Gardens (1) JP, 2 Oct. Princes' Island (1) JB.

Cape May Warbler*Dendroica tigrina*

0,0,0

A singing male was present at Brown Lowery NA from 10 June to 5 July - first reported by J&PT and then many observers. This is the third successive year that this species has been on territory at this location (young were observed in 1982) the only place in the area where it is known to be at all regular. No fall observations this year.

Black-throated Blue Warbler*Dendroica caerulescens*

0,0,0

A male bird was described from Edworthy Park on 29 Sept. by DH. This is the only record in the area in the last three years.

Yellow-rumped Warbler*Dendroica coronata*

92,0,0

Observed from 20 April (1) Jumpingpound Creek JP to 8 Oct. (2) Lowery Gardens AS, VF. Migration throughout May was heavy highest counts being (50) 13 May Inglewood BS AS and (35) Elbow Falls 26 May LMG. Summer records in the city were from Bowness Park, Douglas Fir Trail and Fish Creek PP west but no nesting observations were made. Populations in the foothills seemed normal. Fall migration commenced 10 Aug. and built up to huge numbers in Sept. Some high counts follow: 2 Sept. Lowery Gardens (50) AS, 2 Sept. Millarville (50) JMack, 3 Sept. & 11 Sept. Lowery Gardens (60 & 60) JP and DC, 14 Sept. Lowery Gardens (50) RWS, 14 Sept. Inglewood BS (150) HP, 15 Sept. Sibbald Flats (100) JS, 16 Sept. Glenmore Park S (85) RC, 25 Sept. Inglewood BS (400) HP, 26 Sept. Inglewood BS (75) RWS, 30 Sept. Glenmore Park S (50) RC. These numbers far surpass those of the past two years during which the highest fall count was (50). Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(340)	59	Sept.	(1576)	61
Feb.	(0)	0	June	(119)	54	Oct.	(37)	11
March	(0)	0	July	(17)	11	Nov.	(0)	0
April	(7)	6	Aug.	(286)	35	Dec.	(0)	0

Black-throated Gray Warbler      *Dendroica nigrescens*      0,0,0

A singing male was observed, described and photographed in Bowness Park from 11 June to 3 July. It was first observed by JP and then many observers. The only other record in the last three years was a fall bird in 1983. A description is found in the appendix.

Townsend's Warbler      *Dendroica townsendi*      1,0,0

Much more numerous in the area than in the two previous years. First observed 19 May (1) Kananaskis LMG and last observed 30 Sept. in Calgary - several observers. A pair were described at Brown Lowery NA on 17 and 24 June AS while the species was reported by several observers in Kananaskis Country. From 28 Aug. fall migrants were reported from several locations within the city. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(6)	3	Sept.	(19)	13
Feb.	(0)	0	June	(11)	7	Oct.	(0)	0
March	(0)	0	July	(2)	1	Nov.	(0)	0
April	(0)	0	Aug.	(15)	6	Dec.	(0)	0

Black-throated Green Warbler      *Dendroica virens*      0,0,0

Two records as follows: 19 May Kananaskis (2) singing LMG; 10 Aug. Inglewood BS (1) DE. The May record is the first in or bordering our area in spring in three years.

Blackburnian Warbler      *Dendroica fusca*      0,0,0

A single record from Lowery Gardens on 26 Sept. RWS. The only other record in three years was a female at the same location on 22 Aug. 1982.

Palm Warbler      *Dendroica palmarum*      0,0,0

Observed from 29 Aug. to 30 Sept. on fall migration (51) birds and 17 records. In each of the two previous years there were 9 records all in fall. The highest count was (20) at Inglewood BS 25 Sept. HP et al. (That must have been quite a weekend for warblers at the Sanctuary).

Blackpoll Warbler      *Dendroica striata*      1,0,0

The first record was on 15 May (1) Edworthy Park GS & CFNS and the last on 3 Oct. (1) North Haven district J&GMcC. An interesting summer record was a singing male described at Kangienos Lake 8 July JP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(4)	4	Sept.	(26)	15
Feb.	(0)	0	June	(2)	2	Oct.	(1)	1
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(0)	0	Aug.	(2)	1	Dec.	(0)	0

Black-and-white Warbler      *Mniotilta varia*      0,0,0

There were eight records this year against four in 1983 and two in 1982. They are: 15 May Lowery Gardens (1) JT, 23 July Bowmont Flats (4) GS et al, 18 Aug. Inglewood BS (1) DE and class, 20 Aug. Bowmont Flats (1 female) JP, 26 Aug. Inglewood BS (1) AS, 4 & 5 Sept. North Haven (1) J&GMcC.



American Redstart*Steophaga ruticilla*

1,0,0

First observed 19 May Kananaskis (1 male) LMG and last on 30 Sept. Edworthy Park (1) DH. Spring and summer records were mostly from the foothills while from 24 Aug. onward fall migrants were observed in the city. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(2)	2	Sept.	(11)	4
Feb.	(0)	0	June	(12)	8	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(0)	0	Aug.	(8)	6	Dec.	(0)	0

Ovenbird*Seirus aurocapillus*

12,0,0

Observed from 26 May Water Valley (1) CH to 25 Sept. Bowmont Flats (1) JP. Breeding season records were from Bowness Park and Fish Creek PP west as well as various locations in the foothills. As usual a few were seen in fall. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(12)	2	Sept.	(3)	3
Feb.	(0)	0	June	(49)	25	Oct.	(0)	0
March	(0)	0	July	(12)	5	Nov.	(0)	0
April	(0)	0	Aug.	(4)	2	Dec.	(0)	0

Northern Waterthrush*Seirus noveboracensis*

3,0,0

Reported from 13 May Inglewood BS (1) to 14 Sept. Inglewood BS (1) HP. A few spring migrants were seen in the city until 2 June after which all records were in the foothills until fall migration commenced 13 Aug., as last year, in small numbers. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(5)	4	Sept.	(3)	3
Feb.	(0)	0	June	(19)	10	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(0)	0	Aug.	(5)	5	Dec.	(0)	0

Connecticut Warbler*Oporornis agilis*

0,0,0

Up to (4) birds including (3) males were reported from Water Valley from 1 June to 6 Aug. CH, RWS, the third year that breeding in that location has been a probability. A male was singing at Mesa Butte on 22 June JP. The only fall migrant reported was (1) described at Lowery Gardens on 29 Sept. JP. This compares with (9) fall individuals last year and (6) in 1982.

Mourning Warbler*Oporornis philadelphia*

0,0,0

One at North Haven on 4 Sept. J&GMcC was the only record making this the third year running with a single fall migrant observed. There was a June bird in 1982.

McBillivray's Warbler*Oporornis tolmiei*

0,0,0

There were more breeding season records but fewer fall records than in either of the past two years. One was in Bowness Park from 11 to 18 June otherwise summer records were from the foothills. Observed from 29 May to 3 Oct. (1) in North Haven district J&GMcC. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(3)	2	Sept.	(5)	5
Feb.	(0)	0	June	(16)	12	Oct.	(1)	1
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(0)	0	Aug.	(1)	1	Dec.	(0)	0

Common Yellowthroat*Geothlypis trichas*

25,0,0

The first record was on 19 May and the last on 26 Sept (2) at Inglewood BS HP et al. in May and June reports of small numbers were widespread while a well marked passage occurred in Sept. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(38)	19	Sept.	(25)	13
Feb.	(0)	0	June	(41)	24	Oct.	(0)	0
March	(0)	0	July	(19)	12	Nov.	(0)	0
April	(0)	0	Aug.	(5)	1	Dec.	(0)	0

Wilson's Warbler*Wilsonia pusilla*

10,0,0

First observed 12 May (1) Irricana JS et al and last observed 2 Oct (2) Inglewood BS HP. Spring migration was in the usual numbers while breeding season records were numerous throughout the foothills part of the area. (15) were counted on the 24 June Highwood BBS DC,JP compared to (6) last year. Fall migration was heavy and contained two peaks, one at the end of Aug. and the other at the end of Sept. The highest counts are listed: 28 Aug. Inglewood BS (30) RWS, 28 Aug. Douglas Fir/Lowery (40) JP, 29 Aug. Inglewood BS (50) HP, 23 Sept. Bowmont Flats (25) JS, 24 Sept. Bowmont Flats (30) JP, 25 Sept. Bowmont Flats (25) JP, 25 Sept. Inglewood BS (150) HP. The late Sept. peak was not recorded in either of the two previous years. (That weekend at the Sanctuary again!). Numbers of birds and records by month are listed:

Jan.	(0)	0	May	(23)	15	Sept.	(54)	55
Feb.	(0)	0	June	(57)	20	Oct.	(3)	2
March	(0)	0	July	(27)	12	Nov.	(0)	0
April	(0)	0	Aug.	(152)	22	Dec.	(0)	0

Canada Warbler*Wilsonia canadensis*

0,0,0

There were two fall sightings: 25 Sept. North Haven district (1) J&GMcC and 26 Sept. Lowery Gardens (1) RWS.

Scarlet Tanager*Piranga olivacea*

0,0,0

A female was described on 12 Aug. at Inglewood BS DE. This is the only report of this species in our area in three years.

Western Tanager*Piranga ludoviciana*

3,0,0

Observed in spring from 11 May to 1 June and in fall from 21 July to 14 Sept. This species has been reported from Fish Creek PP in June in both of the last two years but this year the only report was (1) on 21 July JP. Numbers generally were rather low with a high count of (10) Lowery Gardens 25 May JT. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(24)	13	Sept.	(2)	2
Feb.	(0)	0	June	(3)	2	Oct.	(0)	0
March	(0)	4	July	(2)	2	Nov.	(0)	0
April	(0)	0	Aug.	(3)	3	Dec.	(0)	0

Rose-breasted Grosbeak*Pheucticus ludovicianus*

11,0,0

Observed from 15 May Millarville (2) JMacK to 19 Aug. Lowery Gardens (12) AS. Nearly all records were from Water Valley with up to (9) individuals through the summer CH and Millarville where a pair with young were seen on 8 July JMacK. A singing male was in Fish Creek PP on 10 July JP et al. Spring and fall records away from these locations were of only (3) and (2) individuals.

Lazuli Bunting*Passerina amoena*

0,0,0

Recorded in June and early July in the Highwood and Sheep River valleys, Sullivan/Storm Creek and at Brown Lowery NA. An unusual spring record was of a pair described on 27 May in the Willow Park district of Calgary DE et al.

Indigo Bunting*Passerina cyanea*

0,0,0

A singing male was observed on 29 June at the Highwood Group Camp EH sharing territory with Lazuli Buntings. This observation was followed by a period of high winds and the bird could not be found again by other observers.

Rufous-sided Towhee*Pipilo erythrophthalmus*

2,0,0

There were 8 records compared with 2 in 1983 and 3 in 1982. All records follow: 23 May Bow River W of Calgary (5) JP, 26 May Fish Creek PP east (2) ES et al, 29 May Lowery/Edworthy Park (1) JP, 10 June Bearspaw (3) JP, 16 June Douglas Fir Trail (2) JP, 20 June Lowery Gardens (1) JT, 27 June Nose Hill (1) JP, 13 July Lowery Gardens (1) JP.

American Tree Sparrow*Spizella arborea*

0,0,0

Numbers were lower than in the two previous years. A few wintered in the Carburn/Riverbend area as usual. Spring migrants were seen from 25 March to 29 April while fall passage was from 15 Sept. to 6 Nov. The peak occurred on 21 Oct. when (16) were seen at Ghost/Morley DC,JP. This compares to last year's fall peak count of (50) and the total fall count of (90) falls short of last year's (300). Numbers of birds and records by month are listed:

Jan.	(4)	1	May	(0)	0	Sept.	(5)	3
Feb.	(2)	1	June	(0)	0	Oct.	(70)	19
March	(5)	2	July	(0)	0	Nov.	(15)	5
April	(16)	6	Aug.	(0)	0	Dec.	(0)	0

Chipping Sparrow*Spizella passerina*

190,0,0

The first record was 9 May (1) JMacK and the last was 29 Sept. Bragg Creek (10) and Ford Creek (2) LMG. The spring peak was from 15 to 27 May with a high count of (50) at Water Valley 15 May CH. Fall migration was observed in smaller numbers than last year but was steady through most of Aug. and Sept. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(414)	62	Sept.	(38)	10
Feb.	(0)	0	June	(202)	52	Oct.	(0)	0
March	(0)	0	July	(90)	19	Nov.	(0)	0
April	(0)	0	Aug.	(122)	26	Dec.	(0)	0

Clay-colored Sparrow*Spizella pallida*

371,0,0

An early single was at Millarville on 25 April (1) JMacK. The next observations were on 15 May from which numbers built up to a peak on 26-27 May. On the latter date (60) were reported at Irricana RC and (60) in the Weaselhead ES. Common and widespread through the summer with a slight increase in numbers from 10 Aug. Only small counts were reported after 26 Aug. and the last observations were on 25 Sept. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(653)	72	Sept.	(66)	26
Feb.	(0)	0	June	(358)	67	Oct.	(0)	0
March	(0)	0	July	(156)	36	Nov.	(0)	0
April	(1)	1	Aug.	(169)	28	Dec.	(0)	0

Brewer's Sparrow*Spizella breweri*

0,0,0

There were two interesting records from the mountains on the fringe of the area: 22 July Nihahi Ridge (1) singing DC, 26 July Highwood Pass (2) JT.

Vesper Sparrow*Pooecetes gramineus*

14,0,0

Observed from 27 April Bears paw (1) to 16 Sept. Glenmore Park S (1) RC and Sadler Slough/Namaka (2) JS. Became numerous and widespread from mid-May. Concentrations were noted in Sept. with (100) being counted at Sadler/Irricana on 2 and 8 Sept. JS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(156)	18	Sept.	(243)	8
Feb.	(0)	0	June	(130)	22	Oct.	(0)	0
March	(0)	0	July	(58)	14	Nov.	(0)	0
April	(1)	1	Aug.	(22)	6	Dec.	(0)	0

Lark Sparrow*Chondestes grammacus*

0,0,0

A single on 3 June on the roadside near Sibbald Flats (Hwy 68) JS,MS and (8) at Carseland on 26 May HP.

Savannah Sparrow*Passerculus sandwichensis*

74,0,0

There was a very early record of (2) at Nose Hill on 29 March DE. The next report was on 20 April in NE Calgary (1) JP. The last record was 20 Oct. (1) Bowmont Flats JP. Two peaks of (100) occurred 2 and 8 Sept. in the Sadler Slough/Irricana area JS. Numbers of birds and records by month are listed:

Jan.	(0)	0	May	(371)	68	Sept.	(239)	14
Feb.	(0)	0	June	(353)	38	Oct.	(2)	2
March	(3)	2	July	(168)	28	Nov.	(0)	0
April	(45)	10	Aug.	(87)	14	Dec.	(0)	0

Baird's Sparrow*Ammodramus bairdii*

0,0,0

All records follow: 12 June Nose Hill (5) JP, 17 June Keoma BBS (1) DC, 20 June Nose Hill (4) JP, 8 July Nanaka Lake (1) WW, 23 July Bruce Lake (3) LMG, 28 July Bruce Lake (6) RWS, 26 Aug. (1) Irricana DE.

Grasshopper Sparrow*Ammodramus savannarum*

0,0,0

The only record was outside our area at Dinosaur PP on 17 May (1) singing LMG.

LeConte's Sparrow*Ammodramus leconteii*

22,0,0

Reported from 13 May (1) at Sadler Slough CC to 24 Sept. (1) at Bowmont Flats JP. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(31)	9	Sept.	(1)	1
Feb.	(0)	0	June	(19)	13	Oct.	(0)	0
March	(0)	0	July	(30)	9	Nov.	(0)	0
April	(0)	0	Aug.	(1)	1	Dec.	(0)	0

Sharp-tailed Sparrow*Ammodramus caudicatus*

0,0,0

The only record was at Irricana Slough on 23 July (1) singing LMG.

Fox Sparrow*Passerella iliaca*

0,0,0

Many records for the mountain areas were submitted. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(1)	1	Sept.	(3)	2
Feb.	(0)	0	June	(25)	10	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(0)	0	Aug.	(1)	1	Dec.	(0)	0

Within our area the records were: 27 April Glenmore Res (1) IH, 19 Sept. Inglewood BS (1) LMG, 23 & 24 Sept. Bowmont Flats (1) JP, 25 Sept. Inglewood BS (1) RWS, 25 Sept. Inglewood BS (5) HP, 26 Sept. Inglewood BS (3) HP, 7 & 8 Oct. Lowery Gardens (1) JT, AS, 29 Oct.-5 Nov. Inglewood BS (1) HP.

Song Sparrow

Melospiza melodia

42,0,0

Reported from 12 April Beaupre Lake and Hill (1) JP to 3 Nov. North Haven district (1) J&GMcC. A single bird wintered in Millarville being recorded on ten occasions from 30 Oct. to 30 Dec. JMack. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(122)	54	Sept.	(10)	8
Feb.	(0)	0	June	(45)	27	Oct.	(2)	2
March	(0)	0	July	(69)	20	Nov.	(1)	1
April	(38)	18	Aug.	(27)	13	Dec.	(0)	0

Peaks occurred in Fish Creek PP on 26 May (10) EH & (25) ES and on 20 July (13) DS.

Lincoln's Sparrow

Melospiza lincolni

29,0,0

Reported from 25 April Millarville (1) JMack to 28 Oct. Fish Creek PP west (1) RWS. Breeding was recorded in Lowery Gardens (feeding young) on 29 June JT. (10) to (15) birds were recorded in various parts of the city by several observers from 15 -26 Sept. as the birds moved through. Numbers of birds and records by month, listed below, show a considerable increase over 1983.

Jan.	(0)	0	May	(62)	29	Sept.	(142)	32
Feb.	(0)	0	June	(99)	39	Oct.	(7)	6
March	(0)	0	July	(62)	17	Nov.	(0)	0
April	(3)	3	Aug.	(16)	6	Dec.	(0)	0

Swamp Sparrow

Melospiza georgiana

0,0,0

A single bird was sighted at Bowmont Flats on 25 & 26 Sept. JP.

White-throated Sparrow

Zonotrichia albicollis

61,0,0

Birds wintered in North Haven district (1) being seen from 1 Jan to 28 April J&GMcC. A single was in Dalhousie district on 15 Jan MD. An early bird was at Inglewood BS on 6 April JP and 27 April IH. Highest spring numbers were recorded on 27 May at WRWC (10) DC, JP and Twin Bridges (27) KJoh. The autumn highs occurred in mid-Sept. in Glenmore Park peaking on 16th with (8) birds RC and Bowmont flats with (12) on the 23rd JP While Bowmont fell back to (3) on the 25th JP Inglewood BS peaked with (75) HP, (50) also being present on the 26th HP. The last record was of a single bird at Inglewood BS on 5 Nov. Numbers of birds and records by month are listed below:

Jan.	(2)	2	May	(107)	33	Sept.	(237)	40
Feb.	(1)	1	June	(72)	35	Oct.	(8)	6
March	(1)	1	July	(33)	17	Nov.	(4)	4
April	(5)	5	Aug.	(11)	7	Dec.	(0)	0

White-crowned Sparrow*Zonotrichia leucophrys*

52,0,0

s reported from 20 April Water Valley (1) CH to 25 Oct. North Haven district (1) J&GMcC. Spring peaks occurred between 6 & 15 May with a maxima of (20) on 14 May Queensland district DS. Autumn peaks were considerably higher than 1983 with (200) on 23 Sept. and (300) on 25 Sept. occurring at Millarville JMack and (200) at Ingiewood BS also on 25 Sept. HP. Breeding was reported from the Pekisko area, a nest with 11 eggs on 1 June RWS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(251)	60	Sept.	(1221)	63
Feb.	(0)	0	June	(78)	27	Oct.	(0)	0
March	(0)	0	July	(17)	8	Nov.	(0)	0
April	(8)	3	Aug.	(35)	11	Dec.	(0)	0

Harris' Sparrow*Zonotrichia querula*

0,0,0

All records were in Sept. and Oct. and follow: 22 Sept. SE Calgary RWS, 23-26, 29 Sept. Millarville (1) JMack, 24 Sept. SE Calgary (1 imm) LMG, 27 Sept. Mount McDougall (1) AW, 29 & 30 Sept. Water Valley (1 imm) CH, 30 Sept. Lakeview district (1 imm) DM, 1 Oct. SW Calgary (1) LMG, 1-6 Oct. North Haven (1-2) J&GMcC.

Dark-eyed Junco*Junco hyemalis*

88,6,1

The only record prior to spring was on The Snake's Head CBC (4) 2 Jan. There were numerous spring records with the higher counts coming from the foothill areas, peaks being 23 April Millarville (50) JMack and 26 April Water Valley (30) CH. Mountain and foothills records dominated the summer and the autumn peaks were also in these areas with (50) Lake Minnewanka 9 Sept. JS, (100) Sibbald Flats 15 Sept. JS and (35) Bragg Creek 29 Sept. JP. A bird was present in North Haven district through 31 Dec. There was (1) at Water Valley on 30 Dec. CH. Numbers of birds and records by month are listed below:

Jan.	(4)	1	May	(218)	36	Sept.	(379)	35
Feb.	(0)	0	June	(92)	30	Oct.	(88)	26
March	(9)	6	July	(48)	11	Nov.	(16)	7
April	(332)	34	Aug.	(39)	6	Dec.	(14)	9

Lapland Longspur*Calcarius lapponicus*

0,0,0

Spring migration was from 10 March (50) Rockyford IH with a straggler on 29 May (1 female) at Sadler Slough WW. Three records of (1,000) on 7 April Namaka JS, 8 April AS and 15 April WW at Bruce Lake. The peak was (2,000) on 8 April E of Calgary JP. Fall passage started on 16 Sept. (10) at Sadler Slough/Namaka Lake JS and ended on 3 Nov. with a single male (1) in the Shepard area RWS. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(8)	3	Sept.	(10)	1
Feb.	(0)	0	June	(0)	0	Oct.	(228)	4
March	(331)	5	July	(0)	0	Nov.	(1)	1
April	(6222)	17	Aug.	(0)	0	Dec.	(0)	0

Chestnut-collared Longspur*Calcarius ornatus*

4,0,0

All available records follow: 5 May Namaka Lake (2) DE, 20 May Sadler Slough (1) IH, 20 May Keoma (1) JS, 27 May Irricana (4) RC, 6 June N of Cochrane (2) JP, 17 June Keoma BBS (2) DC, 17 July McDonald Lake area (9) incl. 1 feeding young JP, 14 Oct. Namaka Lake (1 male) LMG.

Snow Bunting*Plectrophenax nivalis*

0,0,313

1 Jan. provided the year's high of (3291) on The Snake's Head CBC DC et al. The only other four figure total reached through spring was (1000) on 8 Jan. Carseland vicinity JT. Stragglers occurred on 5 April Nose Hill west (2) JP. By mid-Oct. small numbers were being reported. The first being 14 Oct. at Eagle Lake (3) JT. Horseshoe Canyon CBC 22 Dec. recorded (2,584) RWS et al. The Snake's Head CBC on 30 Dec recorded (1,151) DC et al. Numbers of birds and records by month are listed below:

Jan.	(4342)	6	May	(3)	1	Sept.	(0)	0
Feb.	(286)	5	June	(0)	0	Oct.	(49)	9
March	(20)	1	July	(0)	0	Nov.	(335)	4
April	(2)	1	Aug.	(0)	0	Dec.	(4396)	9

Bobolink*Dolichonyx oryzivorus*

0,0,0

All available records are: 3 June Sibbald Flats (3) JS, 13 July Turner Valley (1-male) AW.

Red-winged Blackbird*Agelaius phoeniceus*

336,0,0

There was one winter record of this species (5) at Irricana on 7 Jan. JS, MS. Other than that it was recorded 7 April Namaka Lake (1) JS to 25 Nov. (2) Cominco NA AS. Spring peaks were 28 April Cochrane Lake/Dvan's Slough (90) JP, 26 May Fish Creek PP east (70) ES. The only breeding record was 17 June in Lowery Gardens, 2 nests with 4 eggs JT. Autumn peaks were (200) 23 July at Sadler Slough JS, (500) 6 Aug. and (1000) 9 Aug. also at Sadler Slough JS. Numbers of birds and records by month are listed below:

Jan.	(5)	1	May	(1212)	95	Sept.	(105)	2
Feb.	(0)	0	June	(562)	48	Oct.	(50)	1
March	(1)	1	July	(507)	44	Nov.	(2)	1
April	(307)	39	Aug.	(1665)	9	Dec.	(0)	0

Western Meadowlark*Sturnella neglecta*

20,0,0

There was one winter record on 2 Jan. on The Snake's Head CBC (1) DC et al. The next record was 31 March Horse Creek (12) JP closely followed by many more records. Totals of more than (10) were infrequent. In mid-season (40) on 17 June on Keoma BBS DC was high. The autumn peak was (50) at Sadler Slough/Irricana on 25 Aug. JS and records of (18) JT and (20) LMG at Namaka Lake on 14 Oct. were remarkably close considering the area that could be classed under this heading. The final record was (1) at Gladys on 3 Nov. HP. Numbers of birds and records by month are listed below:

Jan.	(1)	1	May	(231)	53	Sept.	(1)	1
Feb.	(0)	0	June	(101)	24	Oct.	(57)	9
March	(1)	1	July	(39)	15	Nov.	(1)	1
April	(51)	28	Aug.	(65)	5	Dec.	(0)	0



Yellow-headed Blackbird*Xanthocephalus xanthocephalus*

153,0,0

ported from 15 April Sadler Slough (1) PM to 8 Sept. (10) Sadler Slough/Irricana JS. Numbers did not reach (100) until 3 June Namaka Lake CC and (150) 19 June Namaka/Stobart Lakes RC. Peaks of (1000) were reported from Sadler Slough/Irricana by JS on 6 & 9 of Aug. and 2 Sept. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(558)	34	Sept.	(1010)	2
Feb.	(0)	0	June	(464)	13	Oct.	(0)	0
March	(0)	0	July	(218)	9	Nov.	(0)	0
April	(2)	2	Aug.	(2119)	9	Dec.	(0)	0

Rusty Blackbird*Euphagus carolinus*

0,1,4

The first record was 7 Jan. at Irricana (4) JS. There were no further submissions until the fall migration with (1) at Irricana on 26 Aug. DE. Migration continued until 25 Nov. with (6) at Cominco NA AS. Evidence of wintering was provided by three CBCs the last being the Snake's Head CBC on 30 Dec. (5) DC et al. Numbers of birds and records by month are listed below:

Jan.	(4)	1	May	(0)	0	Sept.	(9)	4
Feb.	(0)	0	June	(0)	0	Oct.	(125)	13
March	(0)	0	July	(0)	0	Nov.	(147)	24
April	(0)	0	Aug.	(1)	1	Dec.	(10)	3

Brewer's Blackbird*Euphagus cyanocephalus*

63,0,0

This species was recorded from 22 April (5) at three locations until 16 Sept. (50) at Inglewood BS AS. Numbers were small in the spring and early summer with the maximum being recorded in the East Didsbury Blue Bird Trail (32) on 26 and (37) on 16 June DS. The numbers peaked in early Aug. with (1000) being recorded in the Sadler Slough area the 6th & 9th JS. On the 12th (300) were recorded at Namaka Lake with a further (300) at Eagle Lake AS. On the same day there were (100) in the Irricana area DE. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(18)	6	Sept.	(1)	1
Feb.	(0)	0	June	(10)	3	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(5)	1	Aug.	(7)	2	Dec.	(0)	0

Common Grackle*Quiscalus quiscula*

5,0,0

Records for this species are considerably less than 1983 starting with (2) on 16 May at Black Diamond LMG and ending with (1) at Inglewood BS on 8 Sept. RWS. There was however a record of breeding (3) carrying food on 11 June at Little Bow PP LMG. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(18)	6	Sept.	(1)	1
Feb.	(0)	0	June	(10)	3	Oct.	(0)	0
March	(0)	0	July	(1)	1	Nov.	(0)	0
April	(5)	1	Aug.	(7)	2	Dec.	(0)	0

Brown-headed Cowbird*Molothrus ater*

178,0,0

The first record was on 3 May (4) at Glenmore Res VF and the last on 2 Sept. (2) at Sadler Slough/Irricana JS. The largest total was (30) on 12 Aug Irricana DE. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(587)	72	Sept.	(2)	1
Feb.	(0)	0	June	(269)	63	Oct.	(0)	0
March	(0)	0	July	(113)	26	Nov.	(0)	0
April	(0)	0	Aug.	(43)	6	Dec.	(0)	0

Northern Oriole*Icterus galbula*

115,0,0

This species was recorded from 15 May (1) Millarville JMack to 26 Aug. (1) Inglewood BS DE. As in 1983 there was evidence of movement in late May on 26th in Fish Creek PP east (35) ES. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(180)	44	Sept.	(0)	0
Feb.	(0)	0	June	(140)	50	Oct.	(0)	0
March	(0)	0	July	(51)	15	Nov.	(0)	0
April	(0)	0	Aug.	(53)	23	Dec.	(0)	0

Rosy Finch*Leucosticte arctoa*

0,5,0

Several records were submitted from outside our area including (35) at Sunshine Meadows on 15 April ES and (200) at Highwood Pass on 14 Oct. JS. All records for our area are: 25 March Sibbald Flats (10) JS,MS, 31 March Horse Creek (6) JP, 1 April Sibbald Flats (35) DC, 8 April Sibbald Flats (2) RWS, 8 April Water Valley (4) CH, 26 April Water Valley (1) CH, 27 & 28 Oct. Water Valley (20) CH, 25 May Turner Valley area (115) AW, 21 Oct. Seebe/Canmore (3) DC, 29&30 Oct. Millarville (1) JMack.

Pine Grosbeak*Pinicola enucleator*

9,369,0

There were nine records in Jan. and from then until Oct. the only records were (2) at Sheep River/Dyson Creek on 31 July LMG. The (369) recorded on the Calgary CBC show there are more birds around than the records submitted indicate. Numbers of birds and records by month are listed below:

Jan.	(59)	9	May	(0)	0	Sept.	(0)	0
Feb.	(0)	0	June	(0)	0	Oct.	(46)	15
March	(30)	1	July	(2)	1	Nov.	(24)	7
April	(0)	0	Aug.	(0)	0	Dec.	(472)	12

Purple Finch*Carpodacus purpureus*

24,0,0

There were many more records of this species this year mostly from Water Valley CH, Millarville JMack and Fish Creek PP. Records commenced on 20 April with (2) at Water Valley CH. From 26 April to 1 June the records from Water Valley were in the tens with a maxima of (30) on 14 May CH. Breeding was recorded in Fish Creek PP west on 26 May feeding young LBe. A single bird was recorded at Millarville from 27 Oct. to 2 Nov. JMack. The last record was of an immature/female in Lakeview district on 2 Dec. DM. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(130)	13	Sept.	(3)	3
Feb.	(0)	0	June	(37)	8	Oct.	(1)	1
March	(0)	0	July	(24)	6	Nov.	(2)	2
April	(49)	8	Aug.	(0)	0	Dec.	(1)	1

Cassin's Finch *Carpodacus cassinii* 0,0,0

interesting record just outside our area is: 5 Aug. Mount Norquay Ski area (1 imm. singing) DC,JP.

House Finch *Carpodacus mexicanus* 0,0,0

A single was recorded on 2 July in Capital Hill JP and from 5 to 7 July a pair were recorded in the same area, including a record of feeding a Brown-headed Cowbird BS. In North Haven district (1) bird was recorded from 7 to 12 July J&GMcC.

Red Crossbill *Loxia curvirostra* 0,0,1

All available records are: 4 July Fish Creek PP west (4) WW, 5 July Capital Hill (1) JP, 10 July Fish Creek (2) JP, 22 July Nihahi Ridge (6) DC, 4 Aug. Weaselhead (2) DC, 10 Aug. Inglewood BS (1) DE, 10 Aug. Big Hill Springs PP (12) JP, 11 Aug. Lowery Gardens (35) JP, 18 Aug. Millarville (6) RWS, 18 Aug. Inglewood BS (20) DE, 13 Oct. Glenmore Park south (8) RC, 21 Oct. Fish Creek PP west (4) JS.

White-winged Crossbill *Loxia leucoptera* 0,18,0

The first record in our area was on 18 March (2) in Fish Creek PP west AS. The next was on 11 June (7) Bowness Park JP. From that date there were numerous records throughout the area from June through Oct. Records decreased in Nov. and three of the four records for Dec. were CBCs the other being (7) on 14 Dec. in Bowness Park JP. The maxima was (100) recorded on three occasions in Sept at Millarville JMack. Numbers of birds and records by month are listed below:

Jan.	(30)	1	May	(0)	0	Sept.	(668)	36
Feb.	(24)	2	June	(228)	18	Oct.	(332)	24
March	(4)	2	July	(230)	18	Nov.	(22)	4
April	(0)	0	Aug.	(347)	28	Dec.	(74)	4

Common Redpoll *Carduelis flammea* 0,459,0

This species was recorded from 1 Jan (5) Lakeview district DC to 11 March (3) Haysboro district AS with a maximum of (48) 6 March Glenmore Park LMG. Fall records commenced on 9 Sept (1) North Haven J&GMcC and continued until 29 Dec. (3) North Haven J&GMcC. The fall maxima excluding CBCs was (250) on 28 Oct. at Carburn/Riverbend Park AS. The Horseshoe Canyon CBC total was (443) on 22 Dec. RWS. Numbers of birds and records by month are listed below:

Jan.	(81)	8	May	(0)	0	Sept.	(2)	2
Feb.	(37)	1	June	(0)	0	Oct.	(617)	24
March	(71)	4	July	(0)	0	Nov.	(660)	26
April	(0)	0	Aug.	(0)	0	Dec.	(1293)	17

Hoary Redpoll *Carduelis hornemanni* 0,3,0

All records follow: 4 Nov. Carburn Park/Chestermere (3) RWS, 9 Nov. Simons Valley (10) LMG, 25 Nov. Irricana/Rockyford (3) RWS, 1 Dec. Sundre vicinity (1) LMG, 2 Dec. Irricana (1) LMG, 3 Dec. Sibbald Flats (1) LMG, 8 Dec. SE Calgary (3) RWS, 13 Dec. Bowmont Flats (2) JP, 21 Dec. North Haven district (1) J&GMcC, 22 Dec. Horseshoe Canyon CBC (6) RWS, 27 Dec. Water Valley (2) CH, 29 Dec. North Haven district (1) J&GMcC.

Pine Siskin

Carduelis pinus

158,0,0

There were two March records, both outside our area, to be followed by two records of single birds in April. The main body arrived on 14 May (1) North Haven district J&GMcC and the species was frequently recorded until 22 Oct. (1) Millarville JMacK. Two stragglers were recorded on 10 Nov. at Carburn Park VF. Numbers of birds and records by month are listed:

Jan.	(0)	0	May	(221)	33	Sept.	(1247)	53
Feb.	(0)	0	June	(931)	75	Oct.	(117)	14
March	(5)	2	July	(1789)	46	Nov.	(2)	2
April	(2)	2	Aug.	(1801)	53	Dec.	(0)	0

American Goldfinch

Carduelis tristis

33,0,0

The first record on 21 May (2) Sadler Slough CC was closely followed by numerous records until 23 Sept. (2) at Bowmont Flats JP. The year's maxima was (25) on 11 July at Millarville JMacK. Numbers of birds and records by month are listed below:

Jan.	(0)	0	May	(80)	21	Sept.	(56)	17
Feb.	(0)	0	June	(175)	46	Oct.	(0)	0
March	(0)	0	July	(159)	37	Nov.	(0)	0
April	(0)	0	Aug.	(87)	30	Dec.	(0)	0

Evening Grosbeak

Coccothraustes vespertinus

5,115,0

This year the species was recorded frequently in our area in all months of the year. Numbers were higher in the spring with a maxima of (40) being recorded on 18 March in Fish Creek PP west AS where from 29 Jan (20) to 5 April (30) considerable numbers were recorded. Other flocks of (10) to (30) birds were reported from Lowery Gardens, Glenmore Park and the Douglas Fir Trail. In the summer and fall numbers were down with a maxima of (15) on 26 Oct. Millarville JMacK and 28 Oct. Fish Creek PP west RWS. On The Snake's Head CBC on 2 Jan. (52) were recorded and on that same CBC on 30 Dec. (54) were counted by DC et al. These numbers together with the Calgary CBC show that although widely dispersed more birds are present than records indicate. Numbers of birds and records by month are listed below:

Jan.	(76)	4	May	(35)	11	Sept.	(24)	7
Feb.	(0)	0	June	(45)	12	Oct.	(98)	25
March	(273)	19	July	(15)	7	Nov.	(77)	13
April	(88)	11	Aug.	(46)	9	Dec.	(194)	7

House Sparrow

Passer domesticus

138,651,41

Numerous records were submitted throughout the year. A comparison with last year's records shows that while the number of records is similar or somewhat higher numbers are generally less than last year. If this is a trend in the population or merely a quirk in numbers or records submitted is impossible to say. Numbers of birds and records by month are listed below:

Jan.	(297)	12	May	(460)	44	Sept.	(180)	8
Feb.	(240)	19	June	(477)	17	Oct.	(231)	13
March	(278)	24	July	(222)	27	Nov.	(95)	10
April	(791)	40	Aug.	(226)	16	Dec.	(1029)	4

## APPENDIX I DESCRIPTIVE NOTES

### PACIFIC LOON

A. 18 Oct. Glenmore Res DC. Raft of loons included 10 Common in non-breeding plumage plus 3 Pacific, two of which were in breeding plumage (2/3 size of Common, silvery or smoky colour to top of head and back of neck, dark throat, coarsely white-speckled back, thin bill) and one of which was in non-breeding plumage (small size and association with other two Pacific). The 10 Common Loons were a fairly tight group. The Pacific Loons were together and slightly disassociated from the Common Loons. 19 Oct. - this day also saw white stripes on sides of neck of Pacific Loons.

B. 10-16 Oct. Glenmore Res AS. (1) seen through telescope at 300yds. Identified by: 1. Loon shape and posture in water. 2. Small straight bill, giving initial grebe-like impression. 3. Pale gray colour of sides, back and top of head, still in partial summer plumage.

C. 28 Oct. Glenmore Res WW, LMG. (1) on open water next to ice, -14C, cloudy, light snow, light mist. Identification details: small-billed loon in winter plumage, chin strap visible, sharp contrast nape/throat, light flank patch.

### BLACK SCOTER

A. 13 May Handhill Lake DE. (1). Reddish on bill. No black on wings or near eye.

B. 28 Oct. Glenmore Res WW, LMG. On open water next to ice, -14C, cloudy, light snow, mist. Identification details: large blackish-brown duck, only slightly smaller than nearby White-winged Scoters, crown dark, entire face lighter (not patchy like female White-winged Scoter or female Surf Scoter), bill small and making a large angle with the steep forehead, diagram given (not shown), no white on wing when extended.

### GREATER SCAUP

6 Nov. Riverbend AS (3). Identification details: (3) birds close to but separate from 2 Lesser Scaup, all in female or eclipse plumage, Greater's were larger overall than Lessers, Greater's had noticeably larger heads and bills than Lessers, Greater's heads were shaped like a flat dome (runs from front to back, with point at back of crown, Greater's had white ear patches (variable, but very prominent in one bird), Lessers (or any others seen this week) had no visible ear patch.

### VIRGINIA RAIL

22 July Twin Lakes DC, RWS. (1) Seen with scope at 150m, good back light, in company of Sora, red decurved bill, gray cheeks, brownish overall, white barring on flanks

### SPOONBILL SANDPIPER

19 May Keoma JS, MS. (2) Three pages of notes and sketches in CFNS files. Section 12 description is as follows:

- A. Bare parts: Bill in side view looked fairly straight as the bird probed but there was a hint of something different. This difference became obvious as the bird walked toward and away from us as the tip looked expanded. The colour was black or very dark and about as long as head width. Legs were dark and about as long as body height. Eye appeared dark.
- B. Plumage: Chin, throat, upper breast - wine red and this to a fairly sharp demarcation to lower breast. Lower breast, belly, undertail coverts, flanks - white. Crown, nape, mantle, back - very dark brown or black. Scapulars - lighter brown than back. Coverts - about same as scapulars. Primaries dark brown.

Secondaries - brown, a fairly wide and obvious light wing stripe when the birds flew. Head - side of was wine red (rusty red?) and MS noted increased darkness around eye.

- C. Second bird: Looked much like the first bird except that the red was somewhat paler.
- D. General: In size definitely larger than some nearby Semipalmated and I was thinking at least the size of a Western or White-rumped. To both of us the shape seemed unique from our usual peeps. MS commented on it being short-tailed and chunky looking (Starling like-MS). MS also commented on the very round head. I thought of the body as very plump and the short-tailed appearance with the wings not beyond the tail probably helped to give the unique look. I also thought that a steep forehead helped give this unique look.

#### WESTERN SANDPIPER

A. 13 May Sadler Slough (1 - prob female) JS. How were similar species eliminated? Semipalmated eliminated by extremely long drooped bill with fine tip and very wide at base. Crown was red and scapulars very red. Appeared slightly larger than all Semipalmateds. Least by dark legs and much larger and generally lighter.

B. 20 Aug. Sadler Slough (1-juv) LMG. Black legs, throat & belly & lower breast white, upper breast pale tan (darker on sides) with fine streaks (dark brown), tan and streaks fading gradually into white of belly, wings about 1/4" shorter than tail, bill slightly larger than Semipalmated and slightly drooped at tip, upper wing coverts and back feathers edged with rufous, fine white lines separating 3 rufous edged feather zones (back & wing coverts) small size.

#### WHITE-RUMPED SANDPIPER

21 May Sadler Slough and Nightingale (1-3) AS. Good views of the white-rump were obtained on the Sadler Slough bird and on one of the Nightingale birds. In all three the clear black streaking on white breast and flanks was clearly seen. At Nightingale Baird's Sandpiper was nearby for colour comparison. Baird's especially showing the buffy head, back and breast. At Nightingale Semipalmated Sandpipers were close for size and shape comparison. At Sadler Slough Semipalmated and Pectoral Sandpipers were close for size comparison.

#### BAIRD'S SANDPIPER

A. 17 April 3 miles south of Balzac (2) JP. Dark legs, long wings, one was grayer than the other, a more worn appearance to plumage. Were fairly close to me allowing observation from 35 m with 10x binoculars for 10 minutes before flying.

B. 3 Nov. Carburn Park (1) DC seen also by RWS, JS and others. Long appearing, grey brown, distinct grey wash over upper breast, substantial bill, dark legs, heard to call, in flight no white rump, wing stripes present.

#### SHORT-BILLED DOWITCHER

9 Aug. Sadler Slough (1) RWS. This bird called when flushed to confirm identity. It flushed voluntarily! JS made visual I.D. based solely on jizz of the bird because he agreed that based on ABA article and the plumage we were seeing there was no way a visual I.D. could be made. RWS description - bird appeared very light brown with no apparent streaking or dots on the belly/breast. Nothing else noted. My only comment is that I am familiar with L.B. Dowitcher at this time of year. They are much richer brown or rustier on the breast/belly. Bird viewed from 100 m with 20-45x spotting scope. Viewed for 3 minutes. A good look not great but certainly adequate

### PARASITIC JAEGER

Sept. Bowmont Flats (1) JP. A dark bird without long central retrices. Light at base of primaries. Central tail feathers only slightly longer than others giving tail a diamond or wedge shape. Plumage was more uniformly dark than field guide illustrations of immature Parasitic Jaegers. Jaeger harried 1 of 100+ Ring-billed Gulls that spooked from nearby gravel bars. This pursuit flight lasted 3 or 5 seconds 40-50 m from me - jaeger was slightly smaller than gull it was chasing. It then circled higher and higher to NE and out of view with some of the dispersing gulls. 1000-1010 hrs.

### GLAUCOUS-WINGED GULL

4 Nov Carburn Park-Bow River (1 immature) JS. From two pages of notes extracted are sections (11) and (12) which give a brief description and comments on how possible confusion species were eliminated.

(11) Description: Of flying gull only (not from field notes - but from memory)

a. Glaucous Gull (*L. hyperboreus*) appearing in shape and size. Wing span greater than Herring Gulls (*L. argentatus*) present.  
b. Bill appeared massive, solid dark and broad vertically. c. Primaries were lighter than secondaries both above and below.  
d. Tail - no banding. e. Colour - overall leadish grey (DC & RWS called brown) f. Plumage - little evidence of wear and the fringing was very narrow. g. Flight lumbering.

(12) Comments on how possible confusion species were eliminated:

a. Glaucous Gull - first year has bill tip one-third dark and remainder light - colour is medium to light buff. Glaucous-winged to my eye appears as an entirely different colour. On the first flight past us I did not see the bill colour but I could never have called hyperboreus as the colour was so different. I was almost certain it was glaucescens when RWS said that the bill was all dark. I saw that field mark when the bird made several more passes..

b. Thayer's Gull (*L. thayeri*) generally smaller than argentatus and usually much smaller than glaucescens and bill also smaller. Primaries same or darker than secondaries. Tail banded. Colour somewhat similar to glaucescens in some individuals.

California Gull (*L. californicus*) smaller than argentatus and primaries darker than secondaries. Colour reminds me of glaucescens but bill shape and size help eliminate the species.

### BAND-TAILED PIGEON

23 Sept. Bowmont Flats (1) JP. Description: white collar, green nape, purple forehead and crown, yellow bill-black tipped, red eye, grey back and wings, primaries darker than back and rest of wings, undertail coverts white, breast to mid-belly grayish purple, white thereafter to undertail coverts, feet yellow. This bird had only 1 full length tail feather others were partly grown, band observed at a distance of 20 m from 1145-1150 hrs. and 15 M at 1415 hrs. Also observed eating chokecherries at a distance of 10-15m at 1800hrs.

### NORTHERN SAW-WHET OWL

31 Dec. Nose Hill - Edgepark Blvd and Edgeburn Crescent (1) RW - full details were given on CFNS Unusual Bird Sighting Record Form - the following were the field marks: whitish undersides with broadly streaked tan colour on middle and upper breast, forehead rose in deep wide V above black bill, forehead dark and streaked finely, facial disc seemed to be tinged yellow or buff with darker lines appearing to radiate outward, evidence of white on inner eyebrows, very short tail in side view, back mostly smooth brown colour only lightly flecked with white, approx 6-7" high. Bird was first spotted when it "bush-hopped" twice up ahead of me. After extensive searching I finally saw it perched as described above. Time 1545 hrs. and again 1615 hrs. Total time under observation 25 minutes.

#### WILLIAMSON'S SAPSUCKER

20 Sept. Brown Lowery NA (1) LMG. Seen across the road from parking lot. Was chased by an unidentified hawk (Goshawk or large falcon). Perched; belly & flank colour not noticed (pale), head and neck and breast and tail patch - dark, long (wider than Yellow-bellied Sapsucker) wing patches & rump pure white. In flight, white rump and squarish patches at shoulders well seen. Appeared a bit smaller than Yellow-bellied Sapsucker.

#### VIOLET-GREEN SWALLOW

A. 4 May Inglewood BS (1) DE Seen in good light sitting on telephone line - white over eye, white on rump.  
B. 7 & 10 Aug. Springbank (1) KM. A bird was seen and photographed at a fence post nest box. Among the details in the description were the very obvious white patches at the base of the tail.

#### BANK SWALLOW

23 Sept. Bowmont Park east on Bow River (1) JS & DC. A small swallow flying repeatedly over a quiet section of the Bow River. It had a brownish cast to the upperparts and a slightly notched tail. The underparts were white except for dark breast band. The bird was studied for some time to make certain that we had the correct identification. Full details were given on CFNS Record form for Unusual Bird sightings.

#### STELLER'S JAY

10 Feb. Bebo Grove (1 adult) LMG. Seen at Bebo Grove with a group of 6 Blue Jays. A lot more aggressive than Blue Jay and was chasing them around. The bird sighted had 3 small white spots on head, two short eyebrows and a longish line on forehead.

#### CHESTNUT-BACKED CHICKADEE

8 Oct. Waterton Lakes NP (Alderson Lk.Tr.) (2) RWS, KM. (2) viewed and heard on Alderson Lk. Tr. .5 km above Cameron Falls at 1010 hrs. Observed for 10-30 seconds within 20 feet with Zeiss 8 x 30B binocs. Sun was shining directly on to one of the 2 birds. All 3 other Chickadee Sp. were seen this morning. Birds were calling TSECK-TSECK as was another small flock about 5 individuals of presumably C.B. chickadees. No field guides used during observation and notetaking. These birds were feeding in the tops of spruce trees at eye level. Gray-black bill, eye black, throat, chin, upper breast black (or bib black), white cheeks, bright chestnut back. Chestnut sides and flanks. White lower chest, belly to the undertail coverts (gray-white). Tail and legs dark. Wings black streaked with gray-white.

#### EASTERN BLUEBIRD

30 March SW of Water Valley (1) CH. CFNS Record Form for Unusual Bird Sightings on file with CFNS. "Bluebird" shape, solid, strong blue back and wings at least as blue or bluer than a Mountain Bluebird, orange underparts from throat to belly, light grey-white from lower belly to tail, initial impression was blue above, orange below.

#### WHITE/BLACK-BACKED WAGTAIL

14 Sept. S.E. corner of NW 16-29-5W5 (2 immature) CH. CFNS Record Form for Unusual Bird Sightings was filed with CFNS. The description was: dark grey crown and cheek with white line above eye, black band on upper breast, clean white throat, breast and belly, white feathers of belly extend down legs about 1/2 inch, 2 white wing bars, black and white and grey "bar" appearance from above when wings folded over back, long slim black tail, slim black beak. One individual had a blacker, thicker breast band than the other and in general had stronger markings. They did not appear to be concerned about my close proximity or that of the cattle.



#### CHESTNUT-SIDED WARBLER

uly Lowery Gardens (1) JT. Singing male in full breeding plumage. Clearly seen!! At first assumed to be a Yellow Warbler but thinner quality and higher pitch of song justified further investigation.

#### BLACK-THROATED BLUE WARBLER

29 Sept. East end of Edworthy Park (1 male) DH. Black throat, cheeks and sides very dark grayish appearing back, no eye ring, white patch at base of primaries, underparts completely white, faint white wash on tail could be seen when bird fanned its tail when perched, slower moving than other warblers, was seen in company of Wilson's Warbler and White-breasted Nuthatch.

#### BLACK-THROATED GREY WARBLER

6 - 16 June Bowness Park west JP. Observers who submitted notes to CFNS were JP, JS, AS, and RWS. JS was not entirely convinced that the bird was not some type of hybrid but admitted that his experience was limited to few sightings and to none with it being studied by him as a rarity. 11 June W. Bowness Park 1030 - 1040 \*BTGRWA One male singing; song like nearby MYWA but ends with abrupt "der weety". Sings from top of 60 m spruce and lower in 2 large balsam where my view of bird was not sun interfered. Black crown with white median line. Grey back with black streaking. White chin, throat and undertail coverts. Black streaking on white sides. White wing bars. \*Broken white eye ring. Black breast crescent, throat to. Grayish mark in centre of throat. Dark legs. Generally - upper body dark gray-undersides white, head darkest. - 10x binocular from 30-100 m. Was first alerted by unusual song from high up, could see bird against sun, poorly but markings were unusual, dark throat and no heavy side of breast mark as on MYWA. Further descrip. from eye ring\*, is lower only as white eye line begins from top of eye, quite wide - to dark crown. Return to area about 1150 after calling various persons about. Distinctive song of BTGRWA still hear upslope and from tall spruces bordering lagoon. Remain in area till 1400. Stu Alexander comes 12430+-. Further observation of warbler with 20X scope while bird sings and preens from tall spruce top. Bird may have had a faint yellow lore spot, - looked for this after studying Stu's Birds of N. Amer. and National Geog. Bird Guide. Only once did I detect possibility of this spot\*. Warbler continues to sing most of time till 1400. Some times from further upslope then returning tall spruces along lagoon - one more than others. It also visited large balsam poplar to W and on N side of lagoon when I first observed bird at 1030 and again about 1330 when S. and I got clear view of bird, feeding considerably lower and away from (sun), (further away than anywhere else the warbler usually perched). \*Spot in front of eye was definitely (ppi37) there I am uncertain of its shape, size and colour. Further notes on previously mentioned field marks. Median line through crown is thin and perhaps not beginning at base of beak. Extent of line to back of crown could not be determined. Grayish mark on throat is actually a continuation of black throat and upper breast patch. When viewed from below this dark patch on white throat appears as an inverted solid vee shape. It is not as solid black near apex as it is across lower throat and upper breast. Return to Bowness Park 1945 -2100 BTGRWA not heard or seen.

13 June BTGRWA seen and heard again from arrival at 630 on, stays on territory. More relaxed late in am, singing preening and feeding lower in balsam poplars etc. N side of lagoon. Study spot in front of eye -does not appear yellow but mask does look separate from eye line and eye itself. Sometimes appearing perhaps more horizontal than as I illustrated on page 137. May have been faint yellow.

#### SCARLET TANAGER

12 Aug, Inglewood BS (1 female or fall male) DE. Black wings and tail with no wingbars - no red in body (mostly greenish yellow) stayed low in red osier dogwood.

#### LAZULI BUNTING

5 May Calgary - near Willow Park Golf Course (1 male and 1 female) GDE

Male - entire head, neck and back bright blue, tail and wings dark grey, orange patch on upper breast, cream coloured lower breast.

Female - much drabber grey with some blue coloration on wings and tail.

SWAMP SPARROW

25-26 Sept. Bowmont Flats (1) JP. In sedges along river edge. Rusty cap and wings, white throat.

HOUSE FINCH

6 July Calgary 22a Street between 20 Ave. and 23 Ave. NW (1 male and 1 female) WW. Male bright red crown and breast, brown cheek partly, red rump, light streaking on sides, tail square or slightly notched.

APPENDIX II GAZETEER OF LOCATIONS

LOCATION	Twp	Rnge	Mer	LOCATION	Twp	Rnge	Mer
Airdrie	27	1	5	Conrich	24	28	5
Alberta Experimental Farm	2	4	4	Crowchild Bridge	on Bow R. in Calgary		
Aldersyde	20	29	4	Dalemead	22	27	4
Altadore	Residential district in Calgary			Dalemead Lake	22	27	4
Antenna Slough	22	1	5	De Winton	21	1	5
Ardenode	25	25	4	Delacour	25	27	4
Balzac	26	1	5	Didsbury	31	1	5
Banff	25	12	5	Dinosaur P.P.	20	11	4
Barnes Ridge	24	4	5	Douglas Fir Trail	Natural area in Calgary		
Bearberry	33	7	5	Dowling Lake	31,32	14,15	4
Bearspaw	25	3	5	Drumheller	28,29	19,20	4
Beaure Lake	26	5	5	Dyson Creek	19	5	5
Beaverdam Flats	Natural area in Calgary			Eagle Lake	23	24	4
Beddington Creek	Natural area in Calgary			Edworthy Park	Natural area in Calgary		
Beiseker	28	25	4	Elbow Falls	21	6	5
Beynon	27	20	4	Fish Creek P.P.	23	1	5
Big Hill Springs P.P.	26	3	5	Ford Creek	22	6	5
Big Springs Creek	26	3,4	5	Foster Hills	29	5	5
Black Diamond	20	2	5	Garganey Slough	23	26	4
Blackie	19	27	4	Ghost Reservoir	21	6	5
Bottrel	28	4	5	Glady's	20	27	4
Boulton Creek	20	9	5	Glennore Park (North & South)	Natural area in Calgary		
Bow Valley P.P.	24	8	5	Glennore Reservoir	Natural area in Calgary		
Bowmont Flats	Natural area in Calgary			Grand Valley	26	5	5
Bowness Park	Natural area in Calgary			Haysboro	Residential district in Calgary		
Bragg Creek	23	5	5	Heritage Park	Natural area in Calgary		
Brentwood	Residential district in Calgary			Herronton	19	25	4
Brocket	7	29	4	High River	19	29	4
Brown Lowery N.A.	21	4	5	Highwood BBS	17,18	3-6	5
Bruce Lake	26	26	4	Horse Creek	26,27	4	5
Burntstick Lake	35	7	5	Horseshoe Canyon CBC	28	21	4
Burstall Pass	21	10	5	Iddesleigh	20	10	4
Camrose	46	20	4	Indian Grave Campground	15	3	5
Canmore	24	10	5	Indus	22	28	4
Capital Hill	Residential district in Calgary			Inglewood Bird Sanctuary	Natural area in Calgary		
Carburn Park (Riverbend Park, Cominco)	Natural area in Calgary			Irricana	27	26	4
Carseland	22	25	4	Johnston's Canyon	26	14	5
Castleridge	Residential district in Calgary			Jumping Pound	23,24	4-7	5
Cereal	28	6	4	Kananaskis Country	14-24	4-11	5
Cheadle	24	26	4	Kangienos Lake	26	7	5
Chestermere Lake	24	28	4	Kathryn	26	27	4
Chinook	29	7	4	Keoma	26	26	4
Cochrane	26	4	5	Kimbrook Island P.P.	17	14	4
Cominco (Carburn Park, Riverbend Park)	Natural area in Calgary			King Creek	20	8	5
Confederation Park	Natural area in Calgary			Lloyd Lake (Red Deer Lake)	22	2	5

APPENDIX II GAZETEER OF LOCATIONS

LOCATION	Twp	Rnge	Mer	LOCATION	Twp	Rnge	Mer
Lac des Arcs	24	9	5	Ptarmigan Cirque	19	8	5
Lake Minnewanka	26	9-11	5	Queensland	Residential district in Calgary		
Lake Newell	16,17	14,15	4	Radio Tower Sloughs	22	1	5
Lakeview	Residential district in Calgary			Radnor	26	5	5
Langdon	24	27	4	Ramsey Heights	Residential district in Calgary		
Longview	18	2	5	Red Deer Lake (Lloyd Lake)	22	2	5
Lost Lake	28	5	5	Riverbend Park (Carburn Park, Cominco)	Natural area in Calgary		
Lowery Gardens	Natural area in Calgary			Rockyford	26	23	4
Madden	28	2	5	Rolling Hills	15	13	4
Manyberries	5	6	4	Roxboro	Residential district in Calgary		
Maycroft	10	2	5	Sadler Slough	24	26	4
Mazeppa	19	28	4	Sandy Beach	Natural area in Calgary		
McDonald Lake	26	29	4	Sandy McNab N.A.	19	5	5
McElroy's Slough	24	28	4	Seebe	24	8	5
McGregor Lake	15-18	21,22	4	Sheep River Sanctuary	19	5	5
McKinnon Flats	21	27	4	Sheerness	29	12	4
McLennan Creek	26	24	5	Shepard	23	29	4
Mesa Butte	20	4	5	Sibbald Flats	24	7	5
Millarville	21	3	5	Simons Valley	26	1	5
Milo	18	21	4	Snakes Head CBC	32,33	4-6	5
Missing Link Mountain	20	5	5	Springbank	24	3	5
Morley	25	7	5	Spy Hill	25	2	5
Mossleigh	20	25	4	Stanley Park	Natural area in Calgary		
Mount Royal	Residential district in Calgary			Stavely	14	27	4
Mt. Morquay	26	12	5	Stobart Lake	22	23	4
Maaka Lake	23	24	4	Storm Creek	18	7	5
Nanton	16	28	4	Strachan	38	8	5
Nightingale	25	24	4	Strathmore	24	25	4
Nihahi Ridge	22	6	5	Sullivan creek	18	3	5
Norfolk	24	27	4	Sundre	32,33	5	5
North Haven	Residential district in Calgary			Sunnynook	27	12	4
Nose Hill	Natural area in Calgary			Swanson Hills	27	5	5
Okotoks	20	29	4	Turner Valley	20	2,3	5
Okotoks Mountain	19	3	5	Twin Bridges	24	2	5
Olds	32	1	5	Twin Lakes	26	28	4
Ovan's Slough	27	4	5	W.R.W.C.	27	5	5
Oyen	27	4	4	Waiparous Creek	27,28	6-9	5
Pakowki Lake	3-5	7-9	4	Water Valley	29	5	5
Pearce Estate	Natural area in Calgary			Waterton N.P.	1-3	28-30	4
Pirmez Creek	24	3	5	Weaselhead	Natural area in Calgary		
Pothole Creek	21	3	5	Wildcat Hills	27	5	5
Pothole Sloughs	21	3	5	Willow Creek P.P.	13	28	4
Powderface Trail	22	6	5	Willow Park	Residential district in Calgary		
Priddis	22	3	5	Winchell Lake	29	5	5
Prince's Island	Natural area in Calgary			Yamaska	25	8	5

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