

2012 Calgary Area May Species Count

Data and report compiled by Terry Poulton

MSC Calgary v4, Nov 2012: This version contains corrections after v3: Areas 22 and 25 were transposed; 1 new Western Kingbird in Area 38; 1 less Trumpeter Swan in Area 23 (duplicate of Area 22 individual); thanks to those who spotted these errors.

The 2012 Calgary area May Species Count was conducted on May 26 and 27 by 73+ observers, including both pre-registered participants and others. **219** species were recorded, and another **4** were seen during Count Week.

Background (adapted from 2010 report by Brian Elder)

The Calgary and area May Species count was initiated in 1976, was missed in 1977, and was re-started in 1978. The early years had few participants and only a small portion of the circle was covered. Thereafter the effort and participation grew rapidly and has stabilized somewhat since 1998. An increase in the number of participants in 2011 and 2012 results partly from initial recruitment efforts to replace retiring long-term volunteers.

Area Covered:

20114 sq km: a 80 km radius circle centered on the Centre Street Bridge in Calgary. The rim extends to just south of Olds in the North, just north of Nanton in the south, just west of Exshaw and Highway 40 in the west and just past Standard in the east. This is a vast area and it is an impossible task to cover every nook and cranny within the circle. Thus, while some teams try to cover all of the accessible habitat within their area, other teams concentrate on "birdy" areas within their assignments. Within Calgary, only specific areas are covered, mainly those with natural habitat. This means that the numbers of common urban species are vastly under-represented.

2012 Count Particulars

A record 73 (at least) people participated in the count. Many of the participants have done the count, and even the same areas, for many years. In 2012, a number of the "regulars" were away. Some other long-time local observers stepped in to help. Thank you! A particular highlight of the 2012 count was the participation of new recruits, many from the Friends of Fish Creek Provincial Park, and the Society for Life Long Learning Society thanks to the efforts of Bob Lefebvre and Gus Yaki; participation of Sid Andrews and staff of the City of Calgary's new Ralph Klein Park educational team is also particularly appreciated. Welcome all and thank you. We hope you will count again.

As always, participants were extremely dedicated and many put in long hours and covered great distances to provide excellent coverage. Some of the participants surveyed more than one area while others spent more than the usual time in their area to complete their coverage. Some of the enthusiastic recruits are very adept with hand-held electronic tools and went to great effort to familiarize themselves with the bird sounds to aid their identifications. All of these factors undoubtedly contributed to the high numbers of species seen this year.

Participants:

Total: 73+: Joel Duncan, Gus Yaki, Lisa Bohach, Henry Bordeleau, Heather Csikos, Anne Elliott, Kim Kirillo, Bianka Koszler, Rose Painter, Carole Steeves, Tamas Szabo, David Vernon, Dan Arndt, Paul Turbot, Jim St. Laurent, John Duthie, Kumiko Kamiike, Pat Spiller, Bruce Barnetson, Joan & Wayne Walker, Bob Lefebvre, Doug Collister, Barb Collister, Jamey Podlubny, Darren Batke, Joerg Guildenfennig, Phyllis and Erin Roberts, Bernie Diebolt, Gary Malcolm, Tommy Thorsteinson, Darlene Johanneson, Mike Bentley, Ena Spalding, John Bargman, Jan Simonson, Terry Poulton, Sam Williams, Andrew Slater, Frank Hennessey, Tim Allison, Mark Rubensohn, Lenora & Dick Flynn, Linda Bailey, Colin Young, Terry Korolyk, Mike Harrison, Robert Worona, Don Stiles, Jean Dunn, Kingsley Blades, Chris & Ken Havard, Tony Timmons, Al Borgardt, Howard Heffler, Bruce Barnetson, Dave Gibson, Ian Halladay, Don Magnasson, Greg Wagner, Pat Mitchell, Andrew Hart, Destin Skauge, Sid Andrews, Laura Ewtushik, Cody Field, Ray Wershler, Merril Wershler, Deb Wershler, John Riddell, Barb Coote, various Inglewood Bird Banding Society.

Weather: was not a factor in this year's count.

Day 1: Temp. 3 to 18 °C.

Wind speed: 0 to 15 km/hr. Wind direction: from S, SW, W

Precipitation: none in most areas, light & mixed in foothills locally

Comments: Pleasant in most areas, variable clouds

Day 2: Temp. 2 to 13 °C (most areas); -6 to 9 °C (foothills)

Wind speed: 0 to 15 km/hr. Wind direction: from South

Precipitation: None in most places, sporadic rain and light drizzle in southern parts

Comments: mostly calm and cloudy, with variable wind, gusty

Team Distance/Hours:

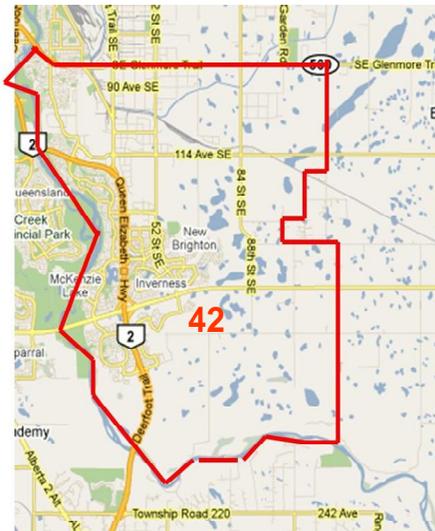
Total team mileage: 3888 km; by vehicle 3636; on foot 252 km

Total team hours: 367 hr; by vehicle 184 hr; on foot 183 hr.

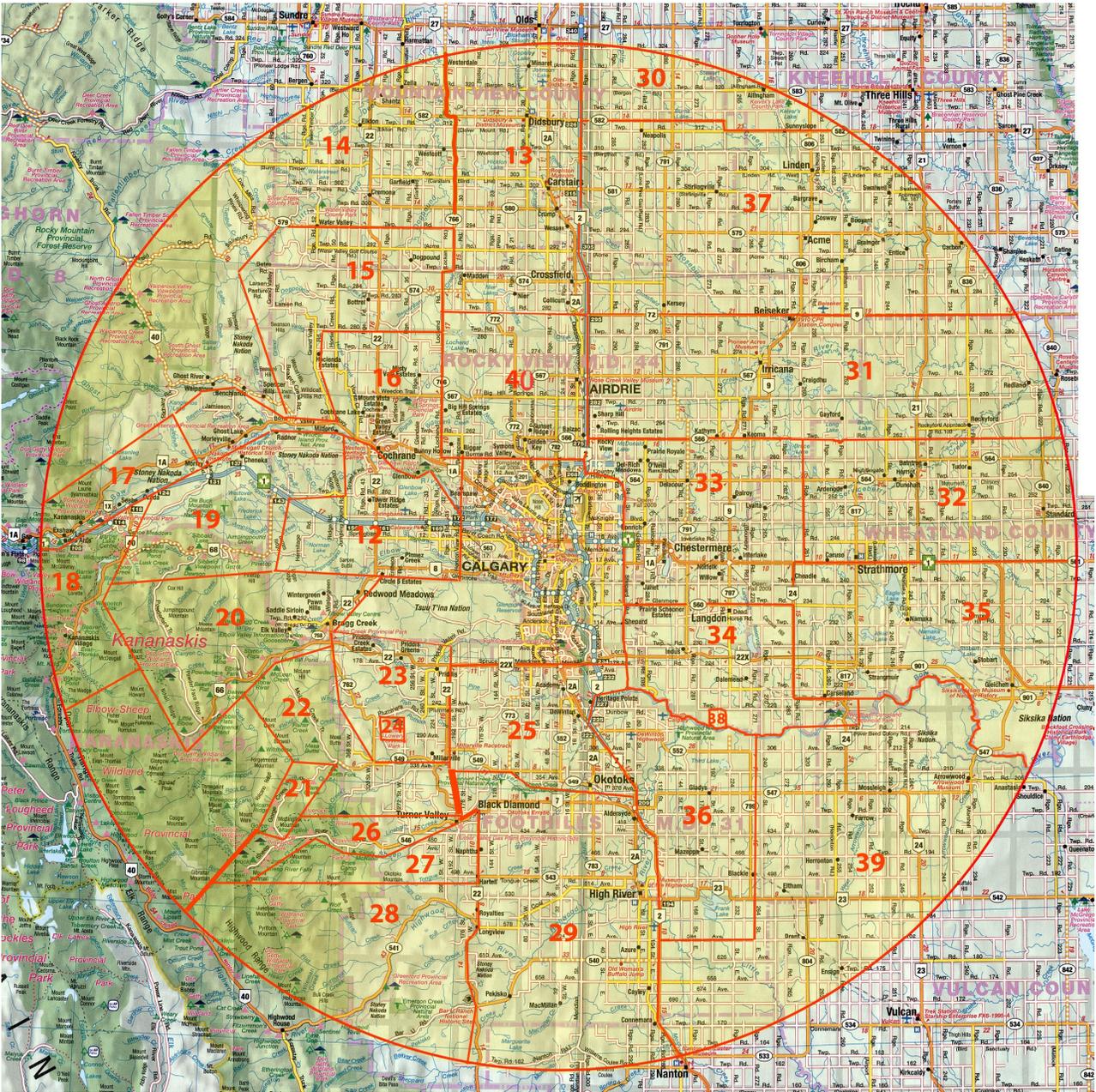
Number of Species: 219

Number of Birds: 90142

Count Circle map – The boundaries of area 42 against 33 & 34, revised before the 2010 count and shown here, are not shown in the circle map on the next page.



Western Boundaries of Areas 33, 34 (and eastern boundary of Area 42) were altered before the 2010 Count, to match the new City Limit, and account for increasing urbanization. Note Glenmore Trail on the maps for Areas 33, 34; it forms the common boundary between these two areas. The eastern banks of the Bow River in this area are counted by Teams 4 & 5, from the west side of the river.



Calgary and Area count circle, with areas outside the city numbered. Note that boundary changes between areas 42 and Areas 33,34 shown on the previous pages, east of Calgary, have **not** been incorporated into this circle map. Area 40, West of Airdrie, was erroneously shown as 41 on the maps in recent previous years' reports.

Bird Highlights

As last year, a large number of species were seen, and only a few that have been regularly observed previously in small numbers were not seen, eg Tundra Swan, Stilt Sandpiper. The total number of individual birds was generally consistent with, or greater than, the previous averages; only noteworthy numbers are indicated below.

White-faced Ibis appeared in record numbers at Frank Lake and south of Strathmore. Horned and Eared Grebe were present in record numbers, as were some of the most common duck species, and the less well represented Red-breasted Merganser and Great Blue Heron. A single Clark's Grebe was seen for the first time on the count at Glenmore Reservoir.

Most shorebird and gull numbers were unremarkable. However, Sabine's Gull was once again well represented, particularly at Red Deer Lake (this and last year are the only count records except for 1996), and larger numbers of Black Tern (record). Franklin's Gulls, recorded last year in large numbers, were only present this year in unremarkable numbers due to high water levels in areas such as Frank Lake and Gladys lakes areas, as were California Gulls, even at Weed Lake.

Osprey, Bald Eagle, Swainson's and Red-tailed Hawk appeared in record numbers. A Broad-winged Hawk was seen again, as last year, the first records since 1986. Owls were relatively well represented, in small numbers, with highs for Great Horned Owl (record), Great Gray Owl (tied previous record), and Northern Saw-whet Owl (record of 2). A single Barred Owl and Northern Hawk Owl were reported.

Andrea Kingsley recorded (in ebird) a Yellow-Bellied Flycatcher southwest of Sundre, the only previous record being last year.

Record numbers of both Yellow-bellied and Red-naped Sapsuckers, Northern Flicker and Pileated Woodpeckers were recorded, as well as American Three-toed Woodpeckers (11 at Brown Lowrey P.P.).

Bank and Cliff Swallows were seen this year in record numbers, primarily at Frank Lake. White-breasted Nuthatch and Brown Creeper were seen in record, but small, numbers. A record number of Gray Catbird was reported. Tim Allison reported a Lazuli Bunting at Lac des Arcs.

Cape May Warblers set another record high, as they did last year also, as well as Townsend's Warbler. The first Chestnut-sided Warbler since 1990 was seen, only the second on the count.

Brewer's Sparrow was seen, in a record high (7), in only the 2nd (1 was seen last year) sighting since 1996. Golden-crowned Sparrow was seen for the 2nd time on the count, last seen in 1991; Vesper and Song Sparrow were reported in record numbers. A record (2) Black-headed Grosbeak were recorded, at Weaselhead. Bobolink (6 in Priddis area), Common Grackle, American Goldfinch, White-winged Crossbill, and Evening Grosbeak were at record highs. For only the 3rd year in the count, a Bullock's Oriole was recorded.

Eurasian Collared-dove and House Finch achieved record highs, but this count does not cover suburban parts of the city well. The former appeared this year in Exshaw and Longview.

Other species seen during count week: 1 Wild Turkey, at Sibbald Creek by J. Bentley; 1 Indigo Bunting, at Edgemont, 6 Sandhill Crane in Sheep River area, 1 Sedge Wren south of Sheep River, all reported by Ray Wershler.

Long-Term Observations and Speculations, strictly from the multi-year 1979-2012 chart, which is distributed separately with this report: most of it was compiled into spreadsheet form by Brian Elder from the older count data. It includes species which are in the FAN list for Alberta, but have never been reported during Calgary May count days, and therefore show up without associated numbers .

The number of observers and therefore the thoroughness of the coverage since 1979 may explain much of the general increase in bird species observed, from 153 in 1979 to 219 this year, and the number of individual birds, from approx. 14600 to 19100+. Improved equipment may also be a factor. The experienced observers know where to look for unusual species, are mentoring new observers, and electronic tools are making information more readily and quickly available.

The urban population and sprawl has doubled during the period covered by the chart, and surrounding rural areas included in the count have been significantly altered by development. The annual end-of-May count falls at the end of migration through the area for some species and near the beginning for others. Therefore, small variations of arrival date can mean

seeing these species in abundance or not at all from year to year. Weather affects bird abundance, noticeability, and observer acuity, and may favour either local fall-out or overflying/bypassing the Calgary area.

The common waterfowl species, warblers, sparrows and blackbirds, are recorded in increasing numbers generally. Some of them are associated with wetlands which benefit from conservation efforts. Many other birds have shown up regularly but in small numbers, or only rarely, since the beginning of the count. Many species, both common and rare, do not exhibit significant trends on the chart since 1979. None of the species with these multi-year characteristics are further mentioned below.

For a number of reasons, outlined above, the data from the multi-year chart alone are not enough nor as reliable enough to suggest significant trends, and the general increase in numbers observed for so many birds conflicts at first sight with published expressions of concern for dwindling species. For example, apparent increases in numbers of the more common swallow species, may simply be a result of more and better observations in more places in recent years. If this is the general case for the many species that show increasing numbers on the multi-year chart, then species which decline on this chart may be even more problematic. Only a few species that appeared in small numbers in early years of the count are seen in lesser numbers or not at all more recently, eg. Burrowing Owl, Long-eared Owl, Philadelphia Vireo, Chestnut-collared Longspur. Another is a common species, the Rough-legged Hawk, so perhaps its dropping off the chart since 1998 might result from another factor, such as a longer-term shift to earlier departure dates.

Some species that were not recorded often or at all in early years of the count, are being seen more often in recent years, still in small numbers. White-faced Ibis and Black-necked Stilt are observed regularly since about 1998-2000. These species are sufficiently conspicuous that it is unlikely they were overlooked so thoroughly prior to those years, suggesting a northern enlargement of nesting range, consistent with indications in the guide books. Other species are also seen in increasing but still small numbers in recent years, eg. Trumpeter Swan, Wood Duck, Eurasian Wigeon, Greater Scaup, Turkey Vulture, Sandhill Crane, Sabine's Gull, American Three-toed Woodpecker, Willow Flycatcher, Yellow-bellied Flycatcher, Purple Martin, Violet-Green Swallow, Mountain Chickadee, White-breasted Nuthatch, Brown Creeper, Pacific (Winter on the chart) Wren, Varied Thrush, American Pipit, Magnolia Warbler, Cape May Warbler, Townsend's Warbler, Brewer's Sparrow, Nelson's Sparrow (if there were early records for Sharp-tailed Sparrow, I don't have them), Fox Sparrow, Swamp Sparrow, Black-headed Grosbeak, Lazuli Bunting, Bobolink, Bullock's Oriole, Gray-Crowned Rosy-Finch, House Finch, Red Crossbill. Note that Cassin's and Blue-headed Vireos only appear on the multi-year chart since 1999 and 2002 respectively, and their predecessor name Solitary Vireo is recorded at the bottom of the chart in prior years (in smaller numbers). Considering the number of Purple Martin houses that used to be seen in and around Calgary, it seems surprising that they did not show up in the count until 1999.

Species that have been observed in moderate numbers or even abundantly, since 1979 but now are recorded in conspicuously higher numbers include (besides many of the the common waterfowl, warblers, sparrows and blackbirds): Gray Jay, Blue Jay, Common Raven, the common swallow species, Ruby-crowned Kinglet, House Wren, Mountain Bluebird, Swainson's Thrush, American Robin, Gray Catbird, European Starling, Cedar Waxwing, Dark-eyed Junco, Common Grackle, Evening Grosbeak, American Goldfinch.

City of Calgary areas

13 areas were covered in the city – 4 in Fish Creek Provincial Park, 5 others along the Bow River, 2 along the Elbow River, and 1 in SE Calgary. A total of 153 species were recorded during Count Days within the city. Most developed areas and many park habitats within the City are not covered, so that common urban species are vastly under-reported. Only noteworthy sightings outside of the specified areas are reported.

Area 1: FCPP (Fish Creek Provincial Park): 37 Street to Bridge 6

Participants: Joel Duncan

Area 2: FCPP Bridge 6 East to Macleod Trail (Votier's Flats)

Participants: Gus Yaki, Lisa Bohach, Henry Bordeleau, Heather Csikos, Anne Elliott, Kim Kirillo, Bianka Koszler, Rose Painter, Carole Steeves, Tamas Szabo, David Vernon.

Area 3, FCPP Macleod Trail to Bridge 13 – historical, again was not done in 2011.

Area 4: FCPP Burnsmead South to Lafarge Meadows

Participants: Dan Arndt, Paul Turbot

Area 5: FCPP Mallard Point to Burnsmead

Participants: Jim St. Laurent, John Duthie, Kumiko Kamiike, Pat Spiller

Area 6: Carburn Park to Beaverdam Flats

Participants: Bruce Barnetson, Joan & Wayne Walker

Comments: Great Day for a Count, ... a fairly nice morning walk. The Bow is very high and some of the trails in Beaverdam Flats are flooded or very close to it.

Area 7: Inglewood Bird Sanctuary, Pearce Estate Park

Participants: Bob Lefebvre, Dan Arndt, Doug Collister, Jamey Podlubny, with reports from Inglewood Volunteers, Inglewood Bird Banders

Comments: We ended up cutting it [Pearce Estate] a bit short because three ducklings were caught in the outflow pond below the fish hatchery pond, and it took us over half an hour to rescue them and return them to their frantic mother.

Area 8: Glenmore Reservoir/Weaselhead

Participants: Bernie Diebolt, Bob Lefebvre, Dan Arndt, Darren Batke, Joerg Guildenfennig, Phyllis and Erin Roberts, Kerry Martin, Linda Kelly, Tim Visser, Dave Russum, Don May

Area 9: Bowness Park, Baker Park, Al Azhar and Bearspaw Dam

Participants: Gary Malcolm

Comment: had a great morning on Saturday

Area 10: Bowmont Natural Area

Participants: Mike Bentley, Tommy Thorsteinsson, Darlene Johanneson

Area 11: Lowery Gardens/Edworthy Park

Participants: Ena Spalding, John Bargman

Area 41: Griffith Woods

Participants: Tony Timmons, Al Borgardt, Howard Heffler

Area 42: Southeast Calgary – East of Bow River, from Glenmore Trail south to Bow River, Shepard. Participants:

We were particularly fortunate this year to have the enthusiastic support and experience of Sid Andrews, Laura Ewtushik, Cody Field, from the City of Calgary's Ralph Klein Park.

Area 43: Areas of Calgary: areas not assigned (noteworthy sightings by individuals)

Contributors: Jim St. Laurent, Barb Coote, Jean Dunn, Ray Wershler; apologies to those others not acknowledged.

Comments: There is also a bank swallow colony tucked into a sand bank near the Univ. living quarters with 45+ fresh holes; ... male Peregrine Falcon on the top corner of the [University] Library. After we put the scope on him he flew over our heads, we did not go to the nest. ... Gt. Horned Owls yesterday evening and though we didn't see Dad we found Mom and her two "branching" owlets looking very healthy and well-fed a block from our homes. Also have a pair of Swainson's Hawks nesting here in Varsity Village East but only saw one yesterday (haven't yet found her nest this year, she moves around due to crow harrassment.)

Area 1: FCPP 37st to Bridge 6

Area 2: FCPP Bridge 6 to Macleod Trail

Area 3: There is no Area 3 in recent years

Area 4: FCPP Burnsmead South to Lafarge Meadows

Area 5: FCPP Mallard Point to Burnsmead

Area 6: Carburn Park to Beaverdam Flats

Area 7: Inglewood Bird Sanctuary, Pearce Estate Park

Area 8: Glenmore Reservoir/Weaselhead

Area 9: Bowness Park to Bearspaw Dam

Area 10: Bowmont Natural Area

Area 11: Lowery Gardens/Edworthy Park

Area 41: Griffiths Woods

Area 42: Shepard and SE Calgary

Area 43: Unassigned areas of Calgary

CITY Area Number	1	2	4	5	6	7	8	9	10	11	41	42	43	CITY Totals	COUNT TOTAL
Number of Participants	1	11		4	3	10	12	1	3	2	3	3	5	58	123
Km Driving	1						5					125		131	3636
Hours Driving	0.25						1.7					8		9.95	184.28
Km on Foot:	4	8	12	9	6.3	8	22.5	6	11	10	6	12		114.8	251.8
Hours on Foot:	2.75	4	8	7.5	4	7.5	14.5	4.5	10	7.25	3	10		83	182.55
Species															
Snow Goose															1
Canada Goose		1	80	40	52	72	274	16	42	38	12	152	34	813	3571
Trumpeter Swan															3
Swan species						1								1	2
Wood Duck				8	2	16								26	31
Gadwall		2	18	10	2							145	10	187	1218
American Wigeon		4	30	22	22	24	40	2	14	4	3	21	16	202	616
Mallard	2	24	40	52	57	62	85	14	47	36	8	142	57	626	2473
Blue-winged Teal		5	8	3		2	14					130	8	170	1485
Cinnamon Teal												15		15	170
Northern Shoveler			9	4			11					99	16	139	2089
Northern Pintail												8		8	179
Green-winged Teal		7		6								1		14	161
Canvasback			2									25		27	297
Redhead			2		1		4					39		46	605
Ring-necked Duck											4	6		10	188
Greater Scaup													2	2	12
Lesser Scaup			14				2					107	6	129	1548
Harlequin Duck															7
Surf Scoter							1							1	1
White-winged Scoter															1
Bufflehead		2					2					20		24	463
Common Goldeneye			6	35	51	34	72	3	21	5	8	7	10	252	411
Barrow's Goldeneye															41
Hooded Merganser						1						1		2	21
Common Merganser		4	10	7	12	10	2		9	5	4	11		74	104
Red-breasted Merganser												10		10	12
Ruddy Duck			3									44		47	1337
Duck species															100
Gray Partridge									2				2	4	22
Ring-necked Pheasant		3	4	3	2		1		2					15	37

CITY Area Number	1	2	4	5	6	7	8	9	10	11	41	42	43	CITY Totals	COUNT TOTAL
Ruffed Grouse							1							1	29
Spruce Grouse															1
Common Loon							1							1	16
Pied-billed Grebe			1									11		12	45
Horned Grebe			2				1							3	156
Red-necked Grebe			5				8							13	68
Eared Grebe												72		72	4200
Western Grebe							10					1		11	29
Clark's Grebe							1							1	1
American White Pelican												10		10	77
Double-crested Cormorant			9	2	1		3					8		23	206
American Bittern															1
Great Blue Heron		3	4				4					5		16	84
Black-crowned Night-Heron															13
White-faced Ibis															134
Osprey		1	1	2	2	3	2	2	4	2		1		20	30
Bald Eagle				1	3		1	1			2	1		9	22
Northern Harrier		1							1					2	37
Sharp-shinned Hawk															3
Cooper's Hawk				1			1	1	2		1			6	7
Northern Goshawk															3
Accipiter species															1
Broad-winged Hawk															1
Swainson's Hawk	1	1	4	4	2	6	4	1	1	3		22	2	51	291
Red-tailed Hawk	1	2		2	2	3	6	1	2	3	2	8		32	318
Ferruginous Hawk															1
Buteo species							3							3	4
Golden Eagle															3
American Kestrel						1								1	11
Merlin		1		1			1		2					5	9
Peregrine Falcon													1	1	1
Prairie Falcon															3
Sora		2	1			4	1					11		19	137
American Coot			10				2					179	8	199	3001
Black-bellied Plover															377
American Golden-Plover															10
Killdeer			7	1			3			3		12		26	188
Black-necked Stilt												17		17	104
American Avocet							2					8		10	211

CITY Area Number	1	2	4	5	6	7	8	9	10	11	41	42	43	CITY Totals	COUNT TOTAL
Hummingbird species															
Belted Kingfisher		2	2			3					2			9	14
Yellow-bellied Sapsucker	2		1	4			1							8	33
Red-naped Sapsucker	1	2									1			4	33
Sapsucker species															5
Downy Woodpecker	1	2	2	3	6	2	3	2		9	1		2	33	46
Hairy Woodpecker		2	2				1							5	19
American Three-toed Woodpecker															11
Black-backed Woodpecker															1
Northern Flicker	2	7	6	7	2	9	2	3	8	8				54	155
Pileated Woodpecker							2				1			3	9
Woodpecker species															1
Olive-sided Flycatcher															2
Western Wood-Pewee			1	1		1	1				1			5	22
Yellow-bellied Flycatcher															1
Alder Flycatcher			7				2							9	14
Willow Flycatcher							1							1	1
Least Flycatcher		2	15	3	5	9	10	3	4	12	10			73	333
Empidonax species							2	1						3	14
Dusky Flycatcher															8
Eastern Phoebe							2							2	9
Say's Phoebe															8
Western Kingbird															39
Eastern Kingbird		1	3	5		1		7	2			4		23	124
Loggerhead Shrike															5
Cassin's Vireo															5
Blue-headed Vireo															3
Warbling Vireo			1			10			1	7				19	124
Red-eyed Vireo							2			1				3	9
Gray Jay															39
Blue Jay	2			1										3	28
Black-billed Magpie	7	8	12	12	19	46	14	24	11	54	8	20	12	247	810
American Crow	4	7	8	7		17	65	2	23	10	3	13	10	169	693
Common Raven	2	10		4	4	4	11		9	8	4	19		75	300
Horned Lark															38
Purple Martin															20
Tree Swallow		14	150	90	200	90	27	300+	80	61	10	159		881	4925
Violet-green Swallow									2					2	24
Northern Rough-winged Swallow		15	6			4	7	50			2			84	146

CITY Area Number	1	2	4	5	6	7	8	9	10	11	41	42	43	CITY Totals	COUNT TOTAL
Bank Swallow		126	10	160	100	140	52		70	30		16	75	779	4606
Cliff Swallow			250	10		8	230					112		610	10654
Barn Swallow			6	1		2	6					5		20	564
Swallow species							200							200	350
Black-capped Chickadee	5	3	3	4	8	9	14	8	34	26	5		8	127	222
Mountain Chickadee															52
Boreal Chickadee	3													3	13
Red-breasted Nuthatch	2	2		2		2	8	2	4	7	8		6	43	173
White-breasted Nuthatch	2	1	4	1	7	4	1				1		1	22	25
Brown Creeper															7
Rock Wren															2
House Wren		1	11	13	5	28	5	10		16	4	1		94	446
Winter Wren															3
Sedge Wren															
Marsh Wren															9
American Dipper															4
Golden-crowned Kinglet										1				1	41
Ruby-crowned Kinglet		1							2		6			9	192
Western Bluebird															2
Mountain Bluebird															199
Townsend's Solitaire															18
Veery							2							2	3
Swainson's Thrush				1		4	1		2					8	86
Hermit Thrush															14
American Robin	3	24	40	32	28	56	29	21	27	70	10	11	8	359	1281
Varied Thrush															23
Gray Catbird		5		1	4	10	7	5	5	9	3			49	76
Brown Thrasher							1							1	6
European Starling	6	3	120	30	26	190	13		12	25		18		443	2188
American Pipit															9
Sprague's Pipit															1
Cedar Waxwing		40	10	31		6	5	3	21	11				127	202
Tennessee Warbler						5								5	182
Orange-crowned Warbler			2											2	30
Yellow Warbler		12	30	21	50	9	33	14	80	60	16			325	649
Chestnut-sided Warbler													1	1	1
Magnolia Warbler															1
Cape May Warbler															19
Yellow-rumped Warbler	6			1					12		5			24	267

CITY Area Number	1	2	4	5	6	7	8	9	10	11	41	42	43	CITY Totals	COUNT TOTAL
Purple Finch															3
House Finch	2	1		6		23	4		2	10			25	73	108
Red Crossbill															2
White-winged Crossbill	25										35			60	115
Pine Siskin		20				2	9	5		28	20		15	99	730
American Goldfinch	1	7	8	1	1	6	28	6	25	10	5	3	2	103	312
Evening Grosbeak															54
House Sparrow	10	2		35	8	17	16	4	5	6		42	24	169	1090
Total Species, without "sp."	28	56	68	59	40	59	85	39	46	48	78	69	31	138	219
Total Individuals	105	471	1281	828	779	1071	1541	313	677	744	1862	2647	395	12714	90142

Foothills Areas, West of Calgary: Eastern edge of this area is Prairie habitat, locally developed.

Area 12: Springbank Area

Participants: Ena Spalding, John Bargman

Comments: The weather was good - so glad about that!

Area 14: Water Valley North

Participants: Terry Poulton, Sam Williams; YBFL from Andrea Kingsley (ebird, May 26)

Area 15: Water Valley South

Participants: Andrew Slater, with contributions from Doug and Barb Collister

Area 16: Cochrane North

Participants: Frank Hennessey

Area 17: Bow Valley PP and Exshaw

Participants: Tim Allison and Mark Rubensohn

Comments: Birds were, by and large, fairly quiet, with no northern warblers (Blackpoll/Cape May/Bay-breasted). Duck numbers seemed low, and there were no migrating shorebirds (fair weather was perhaps to blame for this one). There were some silly misses, but hopefully these are made-up-for in other sectors. [Also noted good viewing conditions for some of the observed species].

Area 18: Kananaskis Country

Participants: Tim Allison, Sam Williams, with additional observations by Bill Wilson (Mt. Lorette)

Comments: The heavy snow in Kananaskis on Saturday was good -- it provided me with some Rosy-finches and a large number of Pipits, even if it kept the warblers quiet until the afternoon (and even then, some were hard to get; not to mention flycatchers and vireos!). I got every other expected species of swallow [except Cliffs] this weekend, but there were NONE at the 2 colonies where I usually have some numbers of them; nor anywhere else in those two sectors....Ducks: seemed to be very low in numbers (with the possible exception of the mergansers), and in variety.

Area 19: Sibbald Flats

Participants: Mike Bentley, Tommy Thorsteinsson, Darlene Johanneson, with additional observations from Ena Spalding, John Bargman

Comments: CW - 1 Wild Turkey, seen by J. Bentley, 28/5/12 at first parking lot to the south after the Sibbald Creek trail turns to gravel; it went hiking with him.

Area 20: Elbow River Basin

Participants: Lenora & Dick Flynn

Comments: Birds less active and not singing as much as usual. Found things really quiet yesterday, birds not singing much and numbers seemed much lower for some species.

Area 21: Gorge Creek Road

Participants: Linda Bailey, Colin Young

Comments: cycling portion interesting as we followed day-old VERY LARGE grizzly tracks most of the way

Area 22: Millarville Area

Participant: Terry Korolyk

Comments: Deciduous trees not completely leafed out yet, but Tennessee Warblers widespread in the canopy. Many Summer breeders on territory (House Wrens, etc.)

Area 23: Priddis Area

Participants: Gus Yaki, Anne Elliott, Wayne McGonicle, Nimali Seneviratne, Monica Thomas, David Vernon, Wayne Walker; with additional observations by Ray Wershler and John Riddell

Comment: The participants recorded 1 Trumpeter Swan; this is thought to be the same as the individual reported below in Area 25.

Area 24: Brown/Lowery Provincial Park

Participant: Colin Young, Linda Bailey

Area 25: South of Calgary

Participant: Terry Korolyk

Comments: Deciduous trees not completely leafed out, but many resident breeders(House Wren,etc)on territory. Water levels good, neither too high, nor, too low. 3,000 Eared grebes at Red Deer Lake. 40 Sabine's Gulls at Red Deer Lake 4 P.M. Sunday. Albinistic Red-tailed and Swainson's Hawks; both photographed.

Area 26: Upper Sheep River Basin

Participant: Mike Harrison, with additional observations by Ray Wershler and John Riddell

Area 27: Southside Sheep River Basin

Participants: Colin Young, Linda Bailey

Comment: leucistic BBMA

Area 28: Highwood River Basin west of Longview

Participant: Bob Lefebvre

Area 29: Central Highwood River Basin

Participant: Robert Worona

Comment: Very few migrants

NORTHWEST FOOTHILLS

Area 12: Springbank Area

Area 14: Water Valley North

Area 15: Water Valley South

Area 16: Cochrane North

Area 17: Bow Valley PP and Exshaw

Area 18: Kananaskis Country

Area 19: Sibbald Flats

Area 20: Elbow River Basin

Area 21: Gorge Creek Road

SOUTHWEST FOOTHILLS

Area 22: Millarville Area

Area 23: Priddis Area

Area 24: Brown/Lowery Provincial Park

Area 25: South of Calgary

Area 26: Upper Sheep River Basin

Area 27: Southside Sheep River Basin

Area 28: Highwood River Basin west of Longview

Area 29: Central Highwood River Basin

NORTHWEST FOOTHILLS	12	14	15	16	17	18	19	NW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number										
Number of Participants	2	2	3	3	2	3	5	20	42	123
Km Driving	135.2	180	66		83	78	127	669.2	1777.2	3636
Hours Driving	5.25	8.5	5.25		2	2	8	31	99.33	184.28
Km on Foot:	5	1	6	6	14	18	4	54	102.5	251.8
Hours on Foot:	4.75	1.5	3.5	10	8	15.5	4	47.25	75.95	182.55
Species										
Snow Goose										1
Canada Goose	122	87	104	400	63	54	45	875	1789	3571
Trumpeter Swan									2	3
Swan species										2
Wood Duck		1						1	5	31
Gadwall	26	2		10			8	46	177	1218
American Wigeon	8	2	1	12		2	5	30	94	616
Mallard	102	24	10	60	29	15	35	275	595	2473
Blue-winged Teal	77	6	2	50	1	5	42	183	406	1485
Cinnamon Teal	3			4				7	40	170
Northern Shoveler	58	20		20		4	43	145	356	2089
Northern Pintail		1		2			3	6	23	179
Green-winged Teal	8	5	2	6	1		11	33	69	161
Canvasback	4			30	2		2	38	111	297
Redhead	2	1		12			4	19	109	605
Ring-necked Duck	10	6	3	14	23	5	9	70	149	188
Greater Scaup										12
Lesser Scaup	52	5		40	2	2	19	120	343	1548
Harlequin Duck					1	2		3	7	7
Surf Scoter										1
White-winged Scoter										1
Bufflehead	24	5	3	6	9		44	91	151	463
Common Goldeneye	36	2		4	2		12	56	113	411
Barrow's Goldeneye	2			6		8	6	22	39	41
Hooded Merganser			2	2			7	11	17	21
Common Merganser	1			1	3	5	5	15	19	104
Red-breasted Merganser									2	12
Ruddy Duck	6	4		4			13	27	401	1337
Duck species									100	100
Gray Partridge				2				2	4	22
Ring-necked Pheasant		2						2	7	37

NORTHWEST FOOTHILLS	12	14	15	16	17	18	19	NW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number										
Hummingbird species										
Belted Kingfisher	1				1			2	5	14
Yellow-bellied Sapsucker	2		4	2	4		1	13	19	33
Red-naped Sapsucker		1	1			3		5	29	33
Sapsucker species									5	5
Downy Woodpecker		2	1	1				4	12	46
Hairy Woodpecker			1	2		2		5	12	19
American Three-toed Woodpecker									11	11
Black-backed Woodpecker				1				1	1	1
Northern Flicker	1	2	4	12	7	1	2	29	73	155
Pileated Woodpecker	1		1			1	1	4	6	9
Woodpecker species									1	1
Olive-sided Flycatcher									1	2
Western Wood-Pewee		1				2		3	10	22
Yellow-bellied Flycatcher		1						1	1	1
Alder Flycatcher		3		2				5	5	14
Willow Flycatcher										1
Least Flycatcher		14	19	20	8	11	2	74	170	333
Empidonax species									11	14
Dusky Flycatcher						2		2	8	8
Eastern Phoebe			1	6				7	7	9
Say's Phoebe				2				2	3	8
Western Kingbird									1	39
Eastern Kingbird	5	1		3			2	11	27	124
Loggerhead Shrike		1						1	1	5
Cassin's Vireo						1		1	5	5
Blue-headed Vireo									1	3
Warbling Vireo			3	3	7	14	3	30	73	124
Red-eyed Vireo		2	2	1				5	6	9
Gray Jay		1	1	3	3	4	5	17	39	39
Blue Jay		3	2	3			2	10	21	28
Black-billed Magpie	51	9	4	50	7		7	128	257	810
American Crow	26	60	2	30	20		11	149	281	693
Common Raven	15	12	10	6	8	18	13	82	168	300
Horned Lark									13	38
Purple Martin										20
Tree Swallow	336	135	133	200	75	4	49	932	1784	4925
Violet-green Swallow					1	11	5	17	22	24
Northern Rough-winged Swallow	2			8	4	10		24	42	146

NORTHWEST FOOTHILLS	12	14	15	16	17	18	19	NW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number										
Bank Swallow	150	4					2	156	408	4606
Cliff Swallow		4	100	200		75	3	382	497	10654
Barn Swallow	3	15	6	20	2	3	4	53	117	564
Swallow species									100	350
Black-capped Chickadee	6		4	20	9	3	2	44	84	222
Mountain Chickadee		8	3	2	9	14	2	38	52	52
Boreal Chickadee	2		1	2	1		1	7	10	13
Red-breasted Nuthatch	7	1	10	13	11	9	3	54	130	173
White-breasted Nuthatch									2	25
Brown Creeper									7	7
Rock Wren									2	2
House Wren	5	13	12	8			6	44	204	446
Winter Wren									3	3
Sedge Wren										
Marsh Wren										9
American Dipper						1	1	2	4	4
Golden-crowned Kinglet		4	2		1	1	2	10	40	41
Ruby-crowned Kinglet	2	28	6	10	19	28	10	103	183	192
Western Bluebird									2	2
Mountain Bluebird	18	20	9	12	8	2	4	73	165	199
Townsend's Solitaire		1				1	3	5	18	18
Veery		1						1	1	3
Swainson's Thrush		1	3	3	4	7	2	20	64	86
Hermit Thrush		1			3	1		5	14	14
American Robin	40	24	24	24	36	42	21	211	446	1281
Varied Thrush		2				7	5	14	23	23
Gray Catbird	1			2				3	5	76
Brown Thrasher				1				1	1	6
European Starling	39	20	10	60	80	1	15	225	977	2188
American Pipit						6		6	9	9
Sprague's Pipit				1				1	1	1
Cedar Waxwing	2			12	9			23	28	202
Tennessee Warbler		2	33		3	5	12	55	172	182
Orange-crowned Warbler		2	1	2	2	3	3	13	28	30
Yellow Warbler	8	14	6	8	25	7	3	71	142	649
Chestnut-sided Warbler										1
Magnolia Warbler					1			1	1	1
Cape May Warbler		3	2					5	19	19
Yellow-rumped Warbler	2	6	4	6	30	143	12	203	240	267

NORTHWEST FOOTHILLS	12	14	15	16	17	18	19	NW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number										
Purple Finch			2					2	2	3
House Finch	1			6				7	9	108
Red Crossbill				2				2	2	2
White-winged Crossbill					50	2		52	55	115
Pine Siskin	44	56	13	60	40	26	28	267	621	730
American Goldfinch		4	3	3			1	11	127	312
Evening Grosbeak							6	6	54	54
House Sparrow	9	6		100	8			123	191	1090
Total Species, without "sp."	78	89	74	111	74	77	81	157	185	219
Total Individuals	1862	1171	725	2295	941	859	796	8649	25063	90142

SOUTHWEST FOOTHILLS	12	20	21	22	23	24	25	26	27	28	29	SW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number														
Number of Participants	2	2	2	1	7	2	1	1	2	1	1	20	42	123
Km Driving	135.2	203	21	28	90		85		93	238	250	1008	1777.2	3636
Hours Driving	5.25	6.5	4.5	5	4		6		7	13.33	12	58.33	99.33	184.28
Km on Foot:	5	4	20		1	12.5	2		4	2	2	47.5	102.5	251.8
Hours on Foot:	4.75	4	4.5		4	9	2		2	1.2	1	27.7	75.95	182.55
Species														
Snow Goose														1
Canada Goose	122	26	8	18	60	16	330	10	45	102	200	815	1789	3571
Trumpeter Swan							1				1	2	2	3
Swan species														2
Wood Duck					2						2	4	5	31
Gadwall	26				3		61	2	2	4	30	102	177	1218
American Wigeon	8	2			1		25		2	14	10	54	94	616
Mallard	102	2			19		60	10	13	21	80	205	595	2473
Blue-winged Teal	77	6		1	19		73		4	13	60	176	406	1485
Cinnamon Teal	3				2		4		2	2	16	26	40	170
Northern Shoveler	58				11		105		2	7	30	155	356	2089
Northern Pintail							1		2		3	6	23	179
Green-winged Teal	8				3		5	2	9	3	9	31	69	161
Canvasback	4				1		54		1		12	68	111	297
Redhead	2						53				14	67	109	605
Ring-necked Duck	10				4		26	6		4	12	52	149	188
Greater Scaup														12
Lesser Scaup	52	8			39		110		11	1	36	205	343	1548
Harlequin Duck		2						2				4	7	7
Surf Scoter														1
White-winged Scoter														1
Bufflehead	24	7		4	2		13			2	6	34	151	463
Common Goldeneye	36						31	5	2	3	2	43	113	411
Barrow's Goldeneye	2	5		1	1				2	4	2	15	39	41
Hooded Merganser											3	3	17	21
Common Merganser	1			1						2	1	4	19	104
Red-breasted Merganser										2		2	2	12
Ruddy Duck	6				7		346				8	361	401	1337
Duck species													100	100
Gray Partridge											2	2	4	22

SOUTHWEST FOOTHILLS	12	20	21	22	23	24	25	26	27	28	29	SW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number														
Ring-necked Pheasant		4					1					5	7	37
Ruffed Grouse		3	2	1		1		1	5	3	1	17	28	29
Spruce Grouse													1	1
Common Loon	2	2										2	15	16
Pied-billed Grebe	2				1		4			1	5	11	23	45
Horned Grebe	1				2		10				2	14	22	156
Red-necked Grebe	1						1					1	28	68
Eared Grebe	2						3130					3130	3158	4200
Western Grebe														29
Clark's Grebe														1
American White Pelican													2	77
Double-crested Cormorant							1					1	2	206
American Bittern														1
Great Blue Heron	2				3				1	3	4	11	37	84
Black-crowned Night- Heron														13
White-faced Ibis														134
Osprey							2				1	3	9	30
Bald Eagle	3						1		2			3	9	22
Northern Harrier	1					1			3	2	2	8	10	37
Sharp-shinned Hawk						1						1	3	3
Cooper's Hawk								1				1	1	7
Northern Goshawk		1										1	3	3
Accipiter species													1	1
Broad-winged Hawk	1												1	1
Swainson's Hawk	13				2		11		5	3	16	37	77	291
Red-tailed Hawk	19		3	6	7	2	13	1	14	8	16	70	161	318
Ferruginous Hawk											1	1	1	1
Buteo species													1	4
Golden Eagle										2		2	3	3
American Kestrel	1		1						1	1	2	5	9	11
Merlin											1	1	3	9
Peregrine Falcon														1
Prairie Falcon								1			1	2	3	3
Sora	6			1	4		14	2	6	2	12	41	69	137
American Coot	80				7		438	4	2	2	20	473	760	3001
Black-bellied Plover														377
American Golden-Plover														10
Killdeer		6					4	3	3	3	7	26	60	188

SOUTHWEST FOOTHILLS	12	20	21	22	23	24	25	26	27	28	29	SW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number														
Magnolia Warbler													1	1
Cape May Warbler				1		11			2			14	19	19
Yellow-rumped Warbler	2	12	11	1		3		8			1	36	240	267
Townsend's Warbler			4									4	24	24
Blackpoll Warbler													1	9
American Redstart								1				1	10	10
Ovenbird			3			1			4			8	8	8
Northern Waterthrush			2	3				3	4	2	2	16	35	38
MacGillivray's Warbler			1						1			2	2	2
Common Yellowthroat	2								1		1	2	23	42
Wilson's Warbler		6	1						2			9	41	41
Warbler species													5	5
Western Tanager	1								1			1	5	10
Spotted Towhee														3
Chipping Sparrow	14		27	8	1	17		10	36	15	2	116	399	655
Clay-colored Sparrow	27	7	2	20	3	1	41		29	14	20	137	253	902
Brewer's Sparrow		7										7	7	7
Vesper Sparrow							1	2	2		2	7	25	236
Savannah Sparrow	35	6	1	21	6		50	10	53	10	16	173	291	751
Le Conte's Sparrow							1		2			3	3	8
Nelson's Sparrow					1							1	1	1
Fox Sparrow													2	2
Song Sparrow	3			1			1				3	5	29	130
Lincoln's Sparrow	1	3	3	2		2	1		14	12	4	41	71	100
White-throated Sparrow		4	1					5		3	4	17	50	91
White-crowned Sparrow	1	2	1	1	6			2	1	4	1	18	46	52
Golden-crowned Sparrow														2
Dark-eyed Junco		11	8			8		10	6			43	109	109
Sparrow species													100	142
Rose-breasted Grosbeak		3		3	2	1			4			13	32	32
Black-headed Grosbeak														2
Lazuli Bunting													1	1
Bobolink					6							6	6	6
Red-winged Blackbird	160	18	3	144	165	5	536	20	66	20	50	1027	1544	3695
Western Meadowlark	2		1	16					2	6	2	27	54	204
Yellow-headed Blackbird	26				2		66			2	10	80	277	1515
Brewer's Blackbird	41	8			6		27	5	4	34	50	134	346	990
Common Grackle					3		3			3	20	29	31	153
Brown-headed Cowbird	16	14	33	25	18	39	40	25	41	57	26	318	540	1050

SOUTHWEST FOOTHILLS	12	20	21	22	23	24	25	26	27	28	29	SW Foothills Total	Foothills Totals	COUNT TOTAL
Area Number														
Baltimore Oriole				6	5		4		4	4	5	28	37	100
Bullock's Oriole													1	1
Blackbird species														60
Purple Finch													2	3
House Finch	1						2					2	9	108
Red Crossbill													2	2
White-winged Crossbill									3			3	55	115
Pine Siskin	44	28	39	34	75	39	17	25	28	39	30	354	621	730
American Goldfinch			6	4	3	1	27		16	45	10	112	127	312
Evening Grosbeak		6	1	6	12	12		10	1			48	54	54
House Sparrow	9				1		17		4	10	26	58	191	1090
Total Species, without "sp."	78	63	56	50	67	47	75	55	94	73	100	164	185	219
Total Individuals	1862	423	340	1014	730	270	7692	390	1071	918	1325	14173	25063	90142

Prairie Areas

Area 13: West of Highway 2 Olds/Crossfield

Participants: Jan Simonson, Bernie Diebolt

Area 30: Didsbury East Bluebird Trail

Participant: Don Stiles, with contributions from Jean Dunn

Comments: The East Didsbury bluebird trail is doing better this year with 21 nests, up from 16 last year. About 1/3 of them already had hatchlings, up to 5 days old. Most tree swallows had completed nests, only 3 had 1 or 2 eggs

Area 31: Irricana

Participants: Kingsley Blades, Terry Poulton

Area 32: Strathmore North (part of 1 day only)

Participants: Terry Poulton

Area 33: East of Calgary

Participants: Chris & Ken Havard

Comments: our previous Red-necked Grebe site at Bruce Lake has become a boat launch; 2 Martin houses in Chestermere village

Area 34: Carseland/Dalmead/Langdon Reservoir

Participants: Tony Timmons, Al Bogardt, Howard Heffler, Lyn Heffler

Area 35: South of Strathmore

Participants: Lenora & Dick Flynn, Jerry Pilny (present for 1/2 of count)

Comments: High water levels in lakes and ponds. Large increase in White-faced Ibis noted. Weather was cool but at least it didn't pour rain and the roads were quite good.

Area 36: Frank Lake and High River East

Participants: Bruce Barnetson, Dave Gibson, Ian Halladay, Don Magnasson, Greg Wagner

Comment: High water levels at Blizzard, Third and Frank Lakes provided little shorebird habitat. Also much reduced habitat for nesting Franklin's Gulls. ... One thing of note in terms of numbers, last night I was at Frank Lake and there were thousands of Cliff and Bank Swallows flying over basin 1. Probably a combination of migrating birds and a recent hatch of something at the lake. I put down three thousand birds for each species, but that was probably low.

Area 37: Acme/Carbon

Participants: Pat Mitchell, Jean Dunn

Comment: very few mammals

Area 38: Mckinnon Flats

Participant: Andrew Hart

Area 39: Brant/Ensign

Participant: Robert Worona

Comment: Very few migrant passerines

Area 40: West of Airdrie

Participant: Destin Skauge

Comment: It wasn't the warmest day but it was still a pretty decent day of birding.

Area 13: Crossfield
Area 30: Didsbury East Bluebird Trail
Area 31: Irricana
Area 32: Strathmore North
Area 33: East of Calgary
Area 34: Carseland/Dalmead/Langdon Reservoir

Area 35: South of Strathmore
Area 36: Frank Lake and High River East
Area 37: Acme/Carbon
Area 38: Mckinnon Flats
Area 39: Brant/Ensign
Area 40: West of Airdrie

Area Number PRAIRIES	13	30	31	32	33	34	35	36	37	38	39	40	PRAIRIES TOTAL	COUNT TOTAL
Number of Participants	2	1	2	1	2	4	3	5	2	1	1	1	25	123
Km Driving	100	120	220	120	170	130	229	136	290		176	136.8	1827.8	3636
Hours Driving	10	10	11.5	4	11.75	3	7.5	4	12		5.5	5.75	85	184.28
Km on Foot:	1	1	5		1	2	10	1.5	3	6	4	1	35.5	251.8
Hours on Foot:	1	1		0.6	0.5	5.5	5	3.5	1.5	4	1	1	24.6	182.55
Species														
Snow Goose							1						1	1
Canada Goose	99	85	38	180	62	75	162	100	72	6	40	149	1068	3571
Trumpeter Swan								1					1	3
Swan species								1					1	2
Wood Duck														31
Gadwall	29	36	42	213	85	24	144	215	45		40	10	883	1218
American Wigeon	10	5	12	16	40	14	10	189	9		20	5	330	616
Mallard	115	21	123	215	178	75	164	250	77	8	120	21	1367	2473
Blue-winged Teal	47	51	81	107	127	90	193	98	62		80	20	956	1485
Cinnamon Teal	7		1	3	11	16	34	26	1		20	3	122	170
Northern Shoveler	56	45	151	112	288	415	200	250	70		60	3	1650	2089
Northern Pintail	11	2	29	13	27	11	18	30	10		8		159	179
Green-winged Teal	5	9		4	7	9	6	6	6		20	11	83	161
Canvasback	5	7	26	10	2	9	74	6	15		10		164	297
Redhead	23	18	23	87	25	36	135	65	16		40	5	473	605
Ring-necked Duck	27						6	8	1			14	56	188
Greater Scaup			10										10	12
Lesser Scaup	18	41	71	148	119	180	185	200	31		80	21	1094	1548
Harlequin Duck														7
Surf Scoter														1
White-winged Scoter							1						1	1
Bufflehead	26		15	4	21	14	128	45	8		40	13	314	463
Common Goldeneye	14		1		2	8	9	1			20	5	60	411
Barrow's Goldeneye	2					1						1	4	41

Northern Pygmy-Owl														2
Barred Owl														1
Great Gray Owl														11
Ruby-throated Hummingbird														1
Calliope Hummingbird														3
Rufous Hummingbird	1												1	13
Black-chinned Hummingbird														
Hummingbird species														
Belted Kingfisher														14
Yellow-bellied Sapsucker	1					3			1		2		7	33
Red-naped Sapsucker														33
Sapsucker species														5
Downy Woodpecker			1										1	46
Hairy Woodpecker									2				2	19
American Three-toed Woodpecker														11
Black-backed Woodpecker														1
Northern Flicker	2	3	1			6	5	1	7	2		3	30	155
Pileated Woodpecker														9
Woodpecker species	1												1	1
Olive-sided Flycatcher											1		1	2
Western Wood-Pewee						2	4		1				7	22
Yellow-bellied Flycatcher														1
Alder Flycatcher														14
Willow Flycatcher														1
Least Flycatcher	7	3	7	2	1	32	32		6	2	2	3	97	333
Empidonax species	10												10	14
Dusky Flycatcher														8
Eastern Phoebe														9
Say's Phoebe									3	2			5	8
Western Kingbird			2	1	4	1	24		3	1	2		38	39
Eastern Kingbird	6	7	8	2	11	2	33	2	5	1	2	1	80	124
Loggerhead Shrike			3		1								4	5
Cassin's Vireo														5
Blue-headed Vireo			1	1									2	3
Warbling Vireo		3	2	2		11	12		2				32	124
Red-eyed Vireo														9
Gray Jay														39
Blue Jay									4				4	28

Cedar Waxwing						1	41		3	2			47	202
Tennessee Warbler	2			1			4						7	182
Orange-crowned Warbler														30
Yellow Warbler	17	6	9	14		39	42	3	33	8	10	18	199	649
Chestnut-sided Warbler														1
Magnolia Warbler														1
Cape May Warbler														19
Yellow-rumped Warbler	1						3						4	267
Townsend's Warbler														24
Blackpoll Warbler	1						6						7	9
American Redstart	2												2	10
Ovenbird														8
Northern Waterthrush				1									1	38
MacGillivray's Warbler														2
Common Yellowthroat	2		3				8		1		4		18	42
Wilson's Warbler														41
Warbler species	5												5	5
Western Tanager														10
Spotted Towhee								1					1	3
Chipping Sparrow	47		40			21	75		2		10	3	198	655
Clay-colored Sparrow	21	8	56	78	19	36	64	12	115	8	40	8	465	902
Brewer's Sparrow														7
Vesper Sparrow		5	60	35	2	35	29	6	3		30		205	236
Savannah Sparrow	15	21	44	55	26	40	89	11	17	1	20	34	373	751
Le Conte's Sparrow				1				4					5	8
Nelson's Sparrow														1
Fox Sparrow														2
Song Sparrow	1	1				4	4	1	6		4	3	24	130
Lincoln's Sparrow							2						2	100
White-throated Sparrow							1				3		4	91
White-crowned Sparrow							3		1				4	52
Golden-crowned Sparrow														2
Dark-eyed Junco														109
Sparrow species	100						40						140	142
Rose-breasted Grosbeak														32
Black-headed Grosbeak														2
Lazuli Bunting														1
Bobolink														6
Red-winged	50	69	181	267	223	65	345	125	205	20	200	54	1804	3695

Blackbird														
Western Meadowlark	1	6	20	49	8	11	36	6	6		4	2	149	204
Yellow-headed Blackbird	120	26	29	18	91	45	281	351	70		200	12	1243	1515
Brewer's Blackbird	23	16	25	62	65	20	87	52	28	20	200	31	629	990
Common Grackle			3	1		1	33		18	2	30		88	153
Brown-headed Cowbird	13	12	41	30	33	25	75	48	55	4	20	1	357	1050
Baltimore Oriole	4	3	2		1	3	20		6	2	6		47	100
Bullock's Oriole														1
Blackbird species							50						50	60
Purple Finch												1	1	3
House Finch					1		14		5		6		26	108
Red Crossbill														2
White-winged Crossbill														115
Pine Siskin											10		10	730
American Goldfinch	4	1				9	21	1	14	6	20	10	86	312
Evening Grosbeak														54
House Sparrow	10	22	59	105	42	50	138	14	240		40	20	740	1090
Total Species, without "sp."	75	60	81	65	62	90	105	73	90	27	80	59	143	219
Total Individuals	2241	1385	2234	2371	2309	4725	6466	26414	2520	341	4389	808	56203	90142