

## 2006 MAY SPECIES COUNT of BIRDS Provincial Summary

### Compiled by Judy Boyd

This is the second year I have done the compilation of the May Species Count but this year I did it on my own. But I would like to thank my daughter, Jennifer, who, though ten days late, waiting for my grandson to be born, patiently sat with me and read numbers off so that I could enter them into the data base. I would also like to thank my husband, Larry, who also took his turn reading numbers off.

The number of species was down this year: 271 from 279 (in 2005) and same with the number of individual birds: 225,981 down from 255,085 (in 2005).

Twenty-three species were found in only one location and twenty-four species were found in only two locations. Of the single sightings, Ross's Goose and Greater Sage Grouse were seen at Milk River. Wild Turkey was seen at Cypress Hills.

Semipalmated Plover, Northern Hawk Owl and Gray-crowned Rosy-Finch were seen at Calgary. Red Knot, Burrowing Owl, Gray-cheeked Thrush, Sage Thrasher and Smith's Longspur were seen at Brooks. Mew Gull was seen at Fort McMurray. Snowy Owl and Chestnut-sided Warbler were seen at Cold Lake. Black-backed Woodpecker was seen at Crooked Lake. Steller's Jay was seen at Crowsnest Pass. Northern Mockingbird and Bohemian Waxwing were seen at Medicine Hat. Bay-breasted Warbler and Mourning Warbler were seen at Lac La Biche. Cassin's Finch was seen at Cardston. Whimbrel was seen only in Brooks during the Counts themselves but was also seen in Taber-Vauxhall and Milk River during Count Week. Northern Pygmy Owl was seen only in Crowsnest Pass during the Counts themselves but was also seen in Crooked Lake during Count Week. Yellow-breasted Chat was seen only in Medicine Hat during the Counts themselves but was also seen during Count Week in Milk River. Harris's Sparrow

were not seen at all during the Counts themselves but one was seen during Count Week in Lac La Biche.

Last year, none of the species were observed in all count areas. This year we had eight species seen in all areas: Canada Goose, Mallard, Blue-winged Teal, Tree Swallow, American Robin, Yellow Warbler, Red-winged Blackbird and Brown-headed Cowbird. Four species, Wilson's Snipe, American Crow, Chipping Sparrow and Clay-coloured Sparrow were found in all but one area, and five species, Ruddy Duck, American Coot, Northern Flicker, Black-billed Magpie and Barn Swallow were observed in all count areas except two.

## Individual Count Summaries

### Cypress Hills Interprovincial Park

**Date:** May 21, 2006

**Compiler:** Duncan Whittick

**Participants:** Gary Martin, Denise Palmer, Adam Cadman, Ray Maxwell, Cat & Mike Ashbee, Sarah McPike, Michael O'Shea, Teslin Donald, Mark & Marina Dell, Stu & Anne Heard, Chris Olsen, Iris Davies, Warren Westouer, Brenda & Charles Brown

**Area Covered:** Spruce Coulee Road, Reesor Lake/Road, Horseshoe Cyn/Bvr Crk trails, Elkwater Lake S. Shore, Elkwater Interior Roads, Sunset trail/Beaver Pond, Soggy Bottom Trail, Jackpot Road, Thelma/Eagle Butte Rd., Battle Creek.

**Weather:** Temp. 13 to 18°C

Wind speed: 15-19 km/hr.

Precipitation: 0 cm

**Team Distance/Hours:** Team mileage on foot: 24.5 km, by vehicle: 54 km. Total team mileage: 78.5 km. Team hours on foot: 66 hr., by vehicle: 12 hrs Total Team hours: 78 hr.

**Number of Species:** 91

**Number of Birds:** 1356

**Highlights:** 26 birders in the 20<sup>th</sup> Annual Spring Bird count at Cypress Hills Interprovincial Park and 16 attended the birding orientation presented by park staff the evening prior to the count. Although the turnout was lower than last year (37 birders), the number of birds was comparable (~1500 in 2005) and the number of species sighted was higher (87 in 2005). Some of the species not sighted this year that were sighted in 2005 included the Eared Grebe, Swainson's Hawk, Prairie Falcon, American Coot, Lesser Yellowlegs, Willet, Franklin's Gull, Hairy Woodpecker, Brown Creeper, European Starling, Sprague's Pipit, Western Tanager, White-throated Sparrow, and Baltimore Oriole.

Interesting or unique sightings include 6 Orange-crowned Warblers, a Western Kingbird and a

Black-headed Grosbeak.

### BowKanBirders (Bow Valley)

**Date:** May 27 and 28, 2006

**Compiler:** Cliff Hansen

**Participants:** Cliff Hansen, Margo Hansen, Hugh Brook, Dean Cooper, Jean Cooper, Ty Cooper, Chase Cooper, Fiona Koether, Mac Koether, Kevin Barker, Mary Dumka, Andre Gareau, Anita Walker, Hanne Seidel, Rose Reid, Laura Reid, Pat Malott, Marilyn Dyck, Bert Dyck, Eva Zidek, Peter Sherrington, Helene Diotte, Jim Jorgenson, Marg Jorgenson, Lucy Pesata, Bob Bendick, Lee Sproule, Barry Sproule

**Area Covered:** Bow River Valley, Canmore to Hwy 40, Kananaskis River Valley south to Nakiska, all hike-able tributary valleys

**Weather:** Day 1: Temp. 2 to 14°C

Wind speed: calm to 25 km/hr.

Wind direction: variable depending on valley

Precipitation: frequent rain showers (estimate 1 to 1.5 cm)

Comments: cold, cloudy and very wet

Day 2: Temp. 1 to 12°C

Wind speed: calm to 20 km/hr.

Wind direction: variable depending on valley

Precipitation: frequent short rain showers (estimate 0.5 to 1 cm)

Comments: cold, cloudy with occasional sun but wet.

**Team Distance/Hours:** Team mileage on foot: 24 km on Day 1 and 10 km on Day 2; by vehicle: 25 km. on Day 1 and nil on Day 2. Team hours: Day 1: 40 hours estimated Day 2: 20 hours estimated

**Number of Species:** 118 (+ 1 cw)

**Number of Birds:** 2581 (+ 1 cw)

**Highlights:** Other species seen in count Week: Swainson's Thrush – 1 (in thick mixed woods immediately east of Exshaw).

Spring weather arrived at the end of March. Many bird species were back and nesting. We had a better than average turnout of birders which in-

cluded some new participants and they covered our usual area well. Two conditions worked against our birding efforts. First, the trees and bushes were ahead of schedule in developing obscuring foliage. Second, the weather did not cooperate. Cool temperatures and frequent rain showers were the rule for our count weekend. Luckily, the birds were not silent and many species could be identified and/or located by their song.

Our count of 2582 birds was lower than our 14 year May average of 2917 and our 119 species was less than our average of 121. A review of our spring count data revealed one noticeable difference. We were missing Finches. Normally we count at least three species of the nine expected (Gray-crowned Rosy-Finch, Pine and Evening Grosbeaks, Purple & Cassin's Finch, Red and White-winged Crossbills, Common Redpoll and Pine Siskin). This spring we only identified one species, Pine Siskin, and the numbers were down from an average of 94 to 10 (lowest number in our records). This observation is consistent with the low numbers counted at our last Christmas count and the low numbers seen over winter. For the first time, we did not have Siskins and Redpolls wintering at our home feeder.

Forty-six species are identified on every count and a further 23 identified on all but one count. They consist of our more common and easily observed summer resident species, such as Canada Goose, Mallard, Crow, Raven, Chickadee, Cowbird etc. There are 118 species identified on 50% or more of our spring counts. This number is an actual count and will differ from the 121 average quoted above because the latter takes in all species, all years and not just those in 50% or more of the years. A tally of 40%, or better, 30% of the years would bring the average species tally closer to the 121 average. At any rate the actual number of consistent residents is higher than either number because these averages do not include those species that are difficult to find because of their remote location, low population, nocturnal habits or secretive nature. Now that we have accumulated

14 years of data, perhaps our actual number of resident species should include most or all the 193 bird species identified on two or more counts. I plan to investigate and validate the accuracy of this approach prior to our next count.

Our list of species "counted only once" was reduced by two (Connecticut Warbler & Common Grackle) and no new species were added to the list. Perhaps, our records are approaching maturity and the reported only once numbers will decline further with future counts.

One example of how imperfect statistics and records are when confined to counts on specific days involves the Cedar Waxwing. This count only yielded one bird but after the count I found a flock of thirty and since then I have found breeding birds in every region of our count area. In fact, I have seen more Cedar Waxwings so far this spring and summer than I have seen in the past 10 years combined. This is a good indicator that the number of species identified is more indicative of the state of affairs than is the number of birds seen. However, the state of the Finches, especially the Pine Siskin, discussed above might contradict this hypothesis. Statistics do not appear to provide absolute answers, at least, not yet.

All-in-all, we had a successful count. What could be better than being outdoors with nature even though the weather was somewhat challenging.

### **Brooks/Lake Newell**

**Date:** May 20-21, 2006

**Compiler:** Bob Parsons

**Participants:** Over 50 participants from 9 different societies attended, including a couple from the UK as well as birders from BC, California and Sask. As in past years, we had a few local residents attend and they found the count very educational. There was some talk about forming a local club so will see how that develops.

**Weather:** Wes Grout best described the Saturday as a "ragged day." Temperatures went from 16 degrees to 25 and back to 16! Mix of sun and

cloud with a huge deluge around 3 p.m. Winds out of the west, up to 25 km/hr. Sunday was pretty well much of the same but drier in the afternoon. The same could not be said for the muddy greasy road conditions!

**Team Distance/Hours:** not available

**Number of Species:** 171

**Number of Birds:** 72118

**Highlights:** Tillebrook Provincial Park was again the count H.Q. We were made to feel welcome by the park staff and we were fortunate to be in the usual circle with access to the covered kitchen area. Upgrading of the rundown facilities is being made slowly and it should again be a nice camping spot in time.

This year was the 8<sup>th</sup> count in the area and we again were given excellent media coverage.

We were again fortunate to have the financial support from EnCana Energy, TansCanada Pipelines, D.U. Canada and the Wildbird General Store. As usual, Rick Martin of E. I. D. was around to give up-to-the-minute news and Reg Russell of Fish and Wildlife gave us valuable information on the early migration through the Lake Newell area.

New species included Sage Thrasher, Wood Duck (4), Palm Warbler and Mountain Bluebird. Missing this year were a few of the “peeps,” warblers, some flycatchers and both kinglets. Early migration, fewer mudflats, and not so many layovers contributed to some of the low numbers.

### **Buffalo Lake**

**Date:** May 28, 2006

**Compiler:** Wayne Kinsella

**Participants:** Lee Crothers, Wayne Kinsella, Beth Schnell, Irma Simons, Barb Smith, Wilma Zurfluh

**Area Covered:** From Buffalo Lake to McKenzie Crossing and from Botha to Red Deer River

**Weather:** Temperature was 12 to 16 degrees C. Cloudy with a light wind.

**Team Distance/Hours:** Team mileage on foot: 2 km, by vehicle: 124 km. Team hours on foot: 1 hr.,

by vehicle: 14 hrs., feeder watching: 1 hr.

**Number of Species:** 70

**Number of Birds:** 2041

### **Crowsnest Pass**

**Date:** May 31-June 5, 2006

**Compiler:** Marilyn Liddell

**Weather:** information not available

**Number of Species:** 115

**Number of Birds:** 1802

**Highlights:** information not available

### **Milk River/Writing-on-Stone**

**Date:** May 27-28, 2006

**Compiler:** Bob Parsons

**Participants:** Participation was a tad skimpy this year as bad weather forecasts were announced for the south over the weekend, but we had lots of scouts prior to the weekend so that helped set it all up.

**Area Covered:** The count area is right on the Montana border with views of the Sweetgrass Mountains. Native grassland, wetlands, coulees, badlands and open plains all meet up in this isolated part of Alberta.

**Weather:** very variable over the weekend and thanks to the gloves, mitts, touques and long johns! Saturday comments were “minus five, light winds from the north, frequent rain showers and generally mucky.” Sunday was a little better but very wet gravel road conditions prevailed and many areas were inaccessible.

**Number of Species:** 122 (+ 6 cw)

**Number of Birds:** 18555 (+ 6 cw)

**Highlights:** Many landowners welcomed us and the park staff was tremendous. Counters were very enthusiastic, even the Manley’s who I dispatched off to the distant Pinhorn Grazing Reserve! We had the same sponsors as at Brooks and the local townspeople were keen to hear about our (unusual) activity! “You go out there and count birds?!”

I think it is very important to survey this area on an annual basis. Sure, gas costs are rising and distance

travelled is quite high but this is unique countryside – very isolated and so different from other areas of Alberta. The birds are there, one just has to know where to find them! I drove for an hour on the Sunday just to find Bittern and Song Sparrow...got them, Curtis.

The main focus was, as always, on the large coulees and waterbodies – Verdigris Coulee, Crow Indian Lake, Etzicom Coulee, West Pakowki Lake. Canoes would again have helped but things went generally well. There are some good access points and the area is well mapped out. The Pinhorn Grazing Reserve was counted this year and the 500 and 501 provided some excellent bird study.

Three Black-capped Chickadees created a lot of interest this year as well as a Ross's Goose which was well documented on the internet (Albertabird). A new record was set for Chestnut-collared Longspur (304) and we were able to list and GPS some great locations for the McCowan's (46). Highlights for me included Lazuli Bunting, Clarke's Grebe, Turkey Vulture (over my campsite), Yellow-breasted Chat, Ruby-crowned Kinglet, Golden Eagle, Spotted Towhee and the many thousands of Horny Larks! The survey crew out at Manyberries reported 22 Sage Grouse which is not a bad number for the wet spring.

Birds missing this year included Bobolink, Black-headed Grosbeak, Bullock's Oriole, Burrowing Owl, Gray-cheeked Thrush, most of the "peeps" as well as many warblers – Redstart, Blackpoll, etc.

### **Crooked Creek**

**Date:** May 27-28, 2006

**Compiler:** Deidre Griffiths

**Participants:** Deidre Griffiths, Jack Sherman, Joan Sherman

**Area Covered:** Part of Crooked Lake, Crooked Creek, Mud Lake: old-growth mixed wood (riparian and inland), rich treed fen, old-growth conifer forest, beaver cut shrub slopes, mixedwood

(old growth and mature) edge with pasture/acreage residential

**Weather:** Day 1: Temp. 8 to 17°C

Wind speed: 6 to 11 km/hr.

Wind direction: NW

Precipitation: 0 cm.

Comments: 2 mm rain May 26/27 (overnight)

Day 2: Temp. 9 to 17°C

Wind speed: 12-30 km/hr.

Wind direction: NW to SE

Precipitation: 0 cm.

Comments: in am NW wind 12-19 km/hr, p.m. SE 20-30 km/hr with squall clouds

**Team Distance/Hours:** Team mileage on foot: 34.5 km. Team mileage by vehicle: 9.6 km. Total team mileage 41.1 km. Team hours on foot: 52 hr. Team hours by vehicle: 0.5 km. Total team hours 52.5 hr.

**Number of Species:** 87 (+ 2 cw)

**Number of Birds:** 1298 (+ 3 cw)

**Highlights:** The weather during Count Week in 2006 was more like that of the 2004, than the 2005 Count. The night before May 27 was overcast with 2 mm of rain, but light wind and above freezing. The cool, almost calm, generally overcast conditions extended into May 27 and until mid-afternoon on the 28<sup>th</sup>, when wind up to 30 kph accompanied localized squall cells. The rafts of ducks and grebes that usually comprise several species and numbers of 300-400 had largely dispersed by the Count dates and did not reach the same levels at any time this year, perhaps because intervals of good migration weather resulted in a higher turnover. Bufflehead numbers were also low, although nesting pairs seemed to be similar to the previous two years. No Canada Goose molt migration flocks were recorded until several days after the Count Week period. High water levels seem to have discouraged some dabbling ducks, Soras, Snipe and Pied-billed Grebes from nesting, redistributed the breeding population of Red-necked Grebes (most at Crooked Lake with few at Wolf and Fen lakes), and somewhat reduced the size of the Black Tern colony at Mud Lake. Nevertheless, the total number of species remained

high, with diversity being in forest and riparian species, even though some previously recorded species eg. Three-toed Woodpecker, Winter Wren (present earlier in May), Black-throated Green Warbler, Pine Siskin, White-winged Crossbill and Rusty Blackbird, were not recorded on this Count. Frequent rains earlier in the month and lush vegetation growth (providing more insects and spiders) may account for the landbird diversity, although the advanced tree foliage made songbirds often difficult to see, and reliance on song was necessary for some species. Species we did not record on the 2004 or 2005 May Counts but which do not qualify as rare or especially unusual in our Study Area are: Lesser Yellowlegs, Black-backed Woodpecker, American Crow, and Nelson's Sharp-tailed Sparrow (the last species, although expected, was recorded for the first time in our Study Area in 2006.) The nesting status of the Sandhill Crane is still uncertain, although 1-3 pairs have been in the Study during summer beginning at least in 2000, and alarm behaviour of the adults has indicated possible nesting/young. Downy young cranes have been recorded to the south near Rochester, so it is almost certain our pairs are nesting. However, we consider that 5 years of May Counts will be needed before we can determine any reliable status/trends for cranes or any other species.

Seasonal weather: The winter was almost snowless (frequent thaws) until the second half of March when heave falls accumulated to ~52 cm in undrifted mixedwood forest. Except for brief heat 25°-29°C at intervals most of May was cool with frequent rain (no snow). Total rainfall for May in the Crooked Lake area up to and including the Count Week was 68.5 mm.

### Cold Lake

**Date:** May 27 and 28, 2006

**Compiler:** Ted Hindmarch

**Participants:** information not available

**Area Covered:** 25 Mi Radius Count Circle

Centre 5327.30N 11030.00W

**Weather:** information not available

**Team Distance/Hours:** Km by vehicle: 1138.3; vehicle party hrs: 81.6; Km on foot: 15; on foot party hrs: 17.75; km by boat: 0; by boat party hrs: 0; feederwatch party hrs: 0; total party hrs 99.35

**Number of Species:** 161 (+ 4 cw)

**Number of Birds:** 11385 (+ 6 cw)

### Coyote Lake (Warburg)

**Date:** May 27-28, 2006

**Compiler:** Javan Green

**Participants:** Javan Green, Penny Green, Laura Daudelin

**Area Covered:** Mixedwood, coniferous, deciduous, grassland, cultivated, creek, pond/slough, lake, marsh, bog/fen. Dominant habitat: deciduous

**Weather:** It was cool early in the morning, but it warmed up during the day. The sky was overcast, and there was a light wind.

**Team Distance/Hours:** Total team hours: about 6.5 hours by foot and 3 hrs by vehicle. No information available on mileage.

**Number of Species:** 84 (+ 2 cw)

**Number of Birds:** 1013 (+ 2 cw)

**Highlights:** species seen during count week: 1 Great Horned Owl, 1 Western Wood-Pewee.

### Red Deer and Central Alberta

**Date:** May 27-28, 2006

**Compiler:** Judy Boyd

**Participants:** Frank Allen, Jean Bargholz, Bud Bargholz, Charley Bird, Myron Bjorge, Karin Bjorge, Tony Blake, Judy Boyd, Larry Boyd, Dorothy Dickson, Sylvia Glass, Robert T. Hall, Dorothy Hazlett, Bill Heinsen, Liz Heinsen, Denny Hougan, Brad Howe, MacKenzie Howe, Molly Howe, Gail Hughes, Peggy Kady, Gerry Kadey, Jessie Kinlye, Keith Kline, Victor Lawrence, Janice Lawrence, Mark Lawrence, Marianne Masters, Bill Mokoski, Diane Murphy, Dorothy Murray, Doug Pedersen, Bea Pierce, Jim Potter

**Weather:** Day 1: Temp. 6 to 13°C  
 Wind speed: 0 to 30 km/hr.  
 Wind direction: NW, NE, NNE, NNW  
 Precipitation: a few spits of rain reported in one count circle  
 Comments: 10-100% cloud cover  
 Day 2: Temp. 5 to 21°C  
 Wind speed: 0 to 15 km/hr.  
 Wind direction: NW, E, ENE, W, SE  
 Precipitation: one count circle reported very light occasional rain  
 Comments: 50-100% cloud cover  
**Team Distance/Hours:** Total mileage: 855.4 km by vehicle 813.8 km, on foot 41.6 km. Total team hours: 302 by vehicle 229.24 hours, on foot 44.75 hours. Feeder watching 26 hours, sitting on the trail 2 hours.  
**Number of Species:** 133 (+ 1 cw)  
**Number of Birds:** 7146 (+ 1 cw)  
**Other Species seen during count week:** one male Bobolink has been seen on a daily basis since May 29, 2006 till at least June 19. 3 Sandhill Cranes and 2 more Common Loons were reported on May 29.  
**Highlights:** the number of species went up from 119 to 135 but the number of individual birds went down from 10231 to 7146. Species seen this year but not in other years were: Tundra Swan, Short-billed Dowitcher, Great Gray Owl, Willow Flycatcher, Swainson's Thrush, Connecticut Warbler. Most numbers of individual birds went down but those species that went up significantly were: Common Goldeneye, Common Loon, Double-crested Cormorant, Turkey Vulture, Cooper's Hawk, Rock Pigeon, Northern Saw-whet Owl, Ruby-throated Hummingbird, Ruby-crowned kinglet, Gray Catbird, European Starling, Vesper Sparrow, Western Meadowlark, Brewer's Blackbird and House Sparrow.

### Lac La Biche

**Please note:** The tally of Lac La Biche species, numbers *include* the SWCPP data.

**Date:** May 27, 2006  
**LLB Compiler:** Jennifer Okrainec  
**SWCPP Compiler:** Stan Gosche  
**LLB Participants:** Jenniver Okrainec, Ted Johnson, Tom Maccagno  
**SWCPP Participants:** Carol Gosche, Stan Gosche, Tim Gosche, DAve Nadeau, San Stoker, Terry Thormin, Percy Zalesky  
**SWCPP Habitats Visited:** Lake, Mixed Wood Forest, Pond/Slough  
**SWCPP Team Distance/Hours:** Total mileage: by vehicle 10 km, on foot 18 km. Total team hours: 15 hours.  
**Weather:** Sky: Partly cloudy  
 Wind: < 2 kph - smoke rises vertically  
**Number of Species:** 154 (+ 3 cw)  
**Number of Birds:** 15755 (+ 6 cw)  
**LLB Highlights:** New species include: Willow Flycatcher (Ted Johnson), Greater White-fronted Goose (Tom Maccagno), Long-billed Dowitcher (Tom Maccagno). None were confirmed by others.  
**SWCPP Comments:** Noted in comparison to past years that this year, there were actually very few migrants, Most birds were already on territory. Flycatchers were in as were Blackburnian and Cape May Warblers on territory; these are usually in later in this count.

### Taber-Vauxhall

**Date:** May 27 and 28, 2006  
**Compiler:** Lloyd Bennett  
**Participants:** Lloyd Bennett, Yolanda Bennett, Glen Gardner  
**Area Covered:** Taber and Vauxhall areas, several reservoirs and sloughs, urban, prairie, farmland, riparian (along Oldman River)  
**Weather:** Day 1: Temp. 5 to 9°C  
 Wind speed 10 to 20 km/hr.  
 Wind direction NE to N  
 Precipitation: 2 mm  
 Comments: brief periods of light rain  
 Day 2: Temp. 6 to 9°C  
 Wind speed 0 to 20 km/hr.  
 Wind direction N to NE  
 Precipitation: 10 mm

Comments: light rain until early evening

**Team Distance/Hours:** Total team mileage: 438 by vehicle 427 km. On foot 11 km. Total Team hours: 23.5 by vehicle 16.5 hrs. on foot 7 hrs.

**Number of Species:** 125 (+ 4 cw)

**Number of Birds:** 4640 (+ 5 cw)

**Other Species seen during count week:** Clark's Grebe, Black-crowned Night-Heron, Whimbrel, Loggerhead Shrike.

**Highlights:** The 2006 May Species count was held on May 27 and 28 in the Taber and Vauxhall areas. It was a very cool weekend, with the temperature between 6 and 9 degrees both days. In spite of predictions of steady rain for both days, it did not rain too much on Saturday, which greatly helped us find more birds. It did rain most of the day Sunday, but some good birds were still found. The total for the weekend came to 125 species, which is about average for this count. This was a little more than expected, since many migrating songbirds and shorebirds had been in low numbers or absent this spring. Only 7 or 8 species of migrants were found, which was much less than usual.

3 new species were found in 2006. These were Short-eared Owl, Hairy Woodpecker, and Red-naped Sapsucker. The owl was found very early Saturday morning northeast of Taber in farmland, and the 2 woodpeckers were found in the M.D of Taber Park. The sapsucker is significant, since it was my first record for Taber. Several other unusual birds were found, such as a calling Virginia Rail in Lost Lake (near Enchant), a Cooper's and a Broad-winged Hawk, both in the M.D. Park, 2 Bullock's Orioles, a pair of Barrow's Goldeneyes in Fincastle Lake, and a late Tundra Swan in Horsefly Lake.

Some birds were found in good numbers, some due to the cool weather. For example, Bank and Cliff Swallows were found at most lakes, and 9 Violet-green Swallows was a record high. 15 Sprague's Pipits was a new high, and 2 Bullock's Orioles beats the old record by 1.

Other birds had much lower numbers than usual. Franklin's, Ring-billed, and California Gulls all had lower numbers, partly due to muddy roads which prevented me from getting to some lakes in the Vauxhall area where these gulls nest. As well, ducks in general seemed to be in lower numbers than normal. Only 15 Eared Grebes were found, which is a record low.

So, in spite of the weather, the count turned out to be very successful and interesting.

### Cardston

**Date:** May 27-28, 2006

**Compiler:** Shirley Sillito

**Participants:** Ruth Le Roux, Ruth Olsen, Vicki Romeril, Wes Romeril, Don Shaw, Rod Shaw, Mira Snyder, Michelle Snyder, Saska Vanhala, Weldon Sillito, Shirley Sillito

**Area Covered:** Cardston, Mountain View, Leavitt, Police Outpost Provincial Park, Hillspring

**Weather:** Temp. 4 to 7°C

Wind speed: 0 to 20 km/hr.

Wind direction: N

Precipitation: 3 mm

**Team Distance/Hours:** Total team Mileage: 369 km by vehicle 362 on foot 7 km

Total team hours: 37.5 hr by vehicle 30.5 hr on foot 4 hrs. watching feeders 3 hrs.

**Number of Species:** 106 (+ 1 cw)

**Number of Birds:** 3339 (+ 1 cw)

**Other species seen during count week:** Blue Jay (1)

**Highlights:** A single Townsend's Warbler was a new species for this count.

### Beauvais Lake Provincial Park

**Date:** June 1, 2006

**Compiler:** Teresa Dolman

**Participants:** Doug Dolman, Teresa Dolman, Bill Sharp

**Area Covered:** Within Park boundaries, lake, ponds, prairie hillside, coniferous and deciduous forests



**Weather:** Temp. 16 to 24°C  
 Wind speed: 8 to 15 km/hr.  
 Wind direction: W  
 Precipitation: 0 cm  
**Team Distance/Hours:** Total team Mileage: 14 km by vehicle 0 on foot 14 km  
 Total team hours: 8 hr by vehicle 0 hr on foot 8 hr.  
**Number of Species:** 41  
**Number of Birds:** 145  
**Other species seen during count week:** none  
**Highlights:** This is the 10<sup>th</sup> year this count has been done, and for the first time Great Horned Owl and Lazuli Bunting were recorded.

### Lethbridge

**Date:** May 27 & 28, 2006  
**Compiler:** Linda Cerney  
**Participants:** Anne Brown, Bill Brown, Linda Cerney, Doug Dolman, Teresa Dolman, Alex Russell, Frank Russell, Katharine Russell, Jay Yanke  
**Area Covered:** Alexander Wilderness Park, Elizabeth Hall Wetlands, Keho Lake, Nobleford Sloughs, ADRI road, Pavan Park, West Lethbridge, Bull trail, Nicholas Sheran Park (West Lethbridge), Westside Cemetery, Fort Macleod, River Park, NW 11-10-24-W4, Park Lake  
**Weather:** Day 1: Temp. 7 to 10°C  
 Wind speed: 15 to 26 km/hr.  
 Wind direction: N to NE  
 Precipitation: 1.5 mm  
 Comments: wind gusts, scattered showers throughout day.  
 Day 2: Temp. 6 to 8°C  
 Wind speed: 13 to 22 km/hr.  
 Wind direction: N to NE  
 Comments: rain throughout the day  
**Team Distance/Hours:** Total team Mileage: 97.5 km by vehicle 64 on foot 33.5 km  
 Total team hours: 27.5 hr by vehicle 7 hr on foot 20.5 hr. feeder watching: 0.5 hrs.  
**Number of Species:** 97 (+ 2 cw)  
**Number of Birds:** 4174 (+ 3 cw)  
**Other species seen within 3 days:** Canada

Goose, Blue-winged Teal, American Kestrel, Varied Thrush, Orange-crowned Warbler.  
**Highlights:** Participation numbers continue to decline. Showers and cool temperatures throughout the weekend.

### Claresholm

**Date:** May 27 & 28, 2006  
**Compiler:** Grace Norgard  
**Participants:** Jason Attwell, Ruth Attwell, Rich Burton family, Rob Chisholm family, Don & Shirley Clark, Gary Cotter family, John & Kerry hart, Audrey Helmer, Mike and Betty Horre, Lawrence Hutchison, Stan Lewis, Debbie Lozeman, Judy Lucas, Rob Macodrum, Gill Moore, Grace Norgard, Myrt Norgard, Jack Peacock  
**Area Covered:** 40 km radius of Claresholm, including part of Porcupine Hills  
**Weather:** Temp. 8 to 15°C  
 Wind speed: light.  
 Wind direction: N  
 Precipitation: 12 mm  
**Team Distance/Hours:** Total team Mileage: 376 km by vehicle 370 on foot 6 km  
 Total team hours: 34 hr by vehicle 14 hr on foot 8 hr. watching feeders: 12  
**Number of Species:** 126 (+ 6 cw)  
**Number of Birds:** 6910 (+ 9 cw)  
**Other species seen during count week:** Common Loon (1), Western Grebe (1), Swan sp. (4), Common Merganser (1), American Redstart (1), MacGillivray's Warbler (1)  
**Highlights:** The five Short-billed Dowitchers were a new species for this count. For the second year in a row, Eurasian Collared-Doves were seen (in the town of Claresholm), and for only the second time in the count's history, Sprague's Pipit was recorded.

### Medicine Hat

**Date:** May 28, 2006  
**Compiler:** Sarah McPike  
**Participants:** Judy Anderson, Barry Anderson,

Dennis Baresco, Sheridan Bullman, Ric Carrier, Eileen Cowtan, Aaron Domes, Marty Drut, Bob Frew, Sue Hider, Dale Holmes, Lisa Holmes, Phil Horch, Valerie Martins, Sarah McPike, Michael O'Shea, Mark Oxamitny, Carol Porter, Reg Porter, Jo-Anne Reynolds, Murray Reynolds, Adam Stinson, Bill Tidy, Ruth Tidy, Ben Velner, Michael Velner

**Area Covered:** information not given

**Weather:** Temp. 10 to 10°C

Wind speed: 0 to 5 km/hr.

Precipitation: 2 cm

Comments: rainy and totally overcast

**Team Distance/Hours:** Total team Mileage:

277.5 km by vehicle 183 on foot 94.5 km

Total team hours: 59.25 hr

**Number of Species:** 117 (+ 1 cw)

**Number of Birds:** 7730 (+ 1 cw)

**Highlights:** Record numbers (old record in brackets)

High – Bank Swallow 913 (444-1991)

Bald Eagle 3 (2-2000)

Bohemian Waxwing 5 (1-1991)

Sprague's Pipit 25 (tie for high 1986)

We had no new species again this year, but there were a few birds seen that haven't been recorded on the count for awhile, for example, one White-breasted Nuthatch was spotted — only the third time in 22 years. There were some birds with extreme numbers that didn't quite break the records. Ring-necked Pheasants were almost as low as the record low of '05 (12), with 15. Willets were way down as well; the average is 20 birds and this year only 4 were recorded. Lazuli Bunting numbers fell, too, from the high last year of 17, down to 4 seen this count. House Finch numbers dropped compared to 2005. Last year was a high count year for these birds at 229. This spring, only 28 were seen on count day.

### **Forfar Park (Athabasca)**

**Date:** May 28, 2006

**Compiler:** Jim Lange

**Participants:** Jim Lange, Alf Scott

**Area Covered:** Forfar Rec. Park, (mixed conifer and aspen, pond, lake) Bollaque Lake and area, (mixed conifer and aspen & lake)

**Weather:** Temp. 3 to 14°C

Wind speed: 5 to 20 km/hr.

Wind direction: NE

Precipitation: trace

Comments: cloudy, occasional brief showers

**Team Distance/Hours:** Total team Mileage: 29.5 km by vehicle 22 on foot 7.5 km

Total team hours: 11 hr by vehicle 0.4hr on foot 10.2 hr.

**Number of Species:** 62

**Number of Birds:** 269

**Highlights:** Alf Scott and myself were birding on the edge of an unnamed boreal forest lake just north of Sec # 663 at Westlock/Athabasca County line on Sunday, May 28. Weather was cloudy with some brief showers. This lake is approximately 600 m at the widest point and 900 m long. It is in mixed wood (willow, aspen, tamarack and spruce) forest. The edge is matted grass back approximately 100 m from water to edge of trees.

The Sandhill Crane was in the open, as were Alf and myself. It was slowly and methodically picking up beak-fulls of rotten vegetation. Raising the neck to full height the vegetation was dropped. After moving north the procedure was repeated. After working a linear track 3-4 m in length the bird turned around and started over, going in the opposite direction. It was like a "military sentry guard" on patrol. At one point it took 3-4 strides in our direction before returning to the other location. It ruffled its feathers once and then went back to feeding. At no time were we hidden or our movements still. Observation time was approximately 15-20 minutes. The bird was still at it when we left and did not appear disturbed by our presence. Observed with Minox 10X4 binoculars, although no optics required.

### **Calgary and Area**

**Date:** May 27 & 28, 2006

**Compiler:** Milt Spitzer

**Participants:** Sandy Amanda Cole, Russ and Sue Costello, Phil Cram, Brian Donnelly, Jean Dunn, Shannon Dunning, Brian Elder, Debbie Enders, Anne Elliot, Dick and Lenora Flynn, Dave Gibson, John Gorcyka, Bernard Goulet, Therese Goulet, Horst Grothman, Michael Harrison, Ken and Chris Harvard, Jeff Hazell, Frank Hennessy, Cedric Hitchon, Mary Huston, Terry Korolyk, Karen Larson, Lois and Brian Lewis, David Lieske, Don Magnusson, Shonna McLeod, Mike Mulligan, Mick Mulloy, Ellie and Sarah Nichol, Terry Poulton, Fez Qureshi, Marni Schaetti, Peter Sherrington, Andrew Slater, Ena Spalding, Milt Spitzer, Jim St. Laurent, Bob Storms, Judy Swan, Marlene Single, Don and Andrew Stiles, Robert Swingle, Tony Timmons, Hank Vanderpol, David Vernon, Rob Vorona, Laurie Warkenton, Doug Waycett, Romana Windsteig, Ray Woods, Gus Yaki, Colin Young.

**Area Covered:** Fish Creek Provincial Park (37<sup>th</sup> St to Bridge 6), Fish Creek Provincial Park (Bridge 6 to McLeod Trail), Fish Creek Provincial Park (McLeod Trail to Bridge 14), Burnsmead South to Hwy 22X, Fish Creek Provincial Park (Mallard Point to Burnsmead), Carburn Park to Beaverdam Flats Park, Inglewood Bird Sanctuary, South Glenmore/Weaselhead, Bowmount Natural Area, Lowery Gardens/Edworthy Park, Springbank Area, Twelve Mile Coulee Natural Area/Bowness Park/Varsity area, West of Highway 2 Olds/Crossfield, Water Valley North, Water Valley South, Cochrane North, Bow Valley Provincial Park and Exshaw, Southern Grand Valley & Horse Creek Roads, Mount Lorette, Sibbald Flats, Elbow River Basin, Gorge Creek Road, Millarville area, Priddis Area, Brown/Lowery Provincial Park, South of Calgary, Upper Sheep River Basin, southside Sheep River Basin, Highwood River Basin West of Longview, Central Highwood River Basin, Didsbury East Bluebird Trail, Irricana North, Strathmore North, East of Calgary, Carseland/Dalmead/McKinnon Flats, South of Strathmore, Frank Lake and High River East,.

**Weather:** Day 1: Temp. 0 to 8°C  
Wind speed: 10 to 30 km/hr.  
Wind direction: E to NE

Precipitation: .25 to 1.5 inches

Comments: weather improved during the day

Day 2: Temp. 2 to 12°C

Wind speed: 5 to 15 km/hr.

Wind direction: from SW

Precipitation: 0.25 to 0.50 inches

Comments: weather again improved as day progressed

**Team Distance/Hours:** Total team Mileage: 3954 km by vehicle 3752 on foot 202 km

Total team hours: 332.75 hr by vehicle 199.25 hr on foot 133.5 hr.

**Number of Species:** 207

**Number of Birds:** 59687

**Other species seen on count week:** none

**Highlights:** In spite of the adverse weather conditions a total of 206 species were recorded during the count, second only to the 2002 count when 216 species were recorded. A total of 64,700 individuals were tallied beating the former high of 58,000 individuals. It is likely that this record number of birds is directly correlated to the extra effort expended by the participants in the count.

In all highest, or tied for highest, numbers were tallied for 42 species. Three new species were added to the historical species list for the count including Pine Grosbeak, Black-throated Sparrow (came to feeder in Bearspaw and is documented by photographs) and a female Hooded Warbler.

Seen this year but only seen once or twice before were Gray-crowned Rosy-Finches, Cape May Warblers, Northern Hawk-Owl (same site as last year), and Caspian Terns.

## Yamniska

**Date:** May 29, 2006

**Compiler:** Jason Rogers

**Participants:** Jason Rogers

**Area Covered:** Banff town site and area, Muleshoe and Area, Johnston Canyon, Bow Valley

Parkway, Lake Louise hamlet

**Weather:** information not available

**Team Distance/Hours:** information not available

**Number of Species:** 74

**Number of Birds:** 258

### **Fort McMurray**

**Date:** May 27-28, 2006

**Compiler:** Lorie Eddy

**Participants:**

Shannon Attaway, Linda Ball, Greg Byron, Val Cooper, Lorie Eddy, Jane Elser, Cheryl Freeman, Meridel Graves, Chuck Graves, Dawn Hall, Kristina Norstrom, Christine Sparling, Steven Stryde, Chris Tonkin, Margo Wilson

**Area Covered:** urban, suburban, downtown, parks (provincial and town), urban trails through woodlands, marshy areas, wetlands, grasslands, boreal forest, mixed deciduous, roadsides, paved, gravel, abandoned rail bed, lakes, ponds, streams, river, including Athabasca by boat, gravel pit – all within 50 km range of Fort McMurray, north and south of the townsite north as far as Fort McKay, south to Anzac and Macqua Lake.

**Weather:** Day 1: Temp. 7 to 18°C

Windspeed: 2 to 5 km/hr.

Wind direction: W

Precipitation: 0 cm

Comments: partly cloudy, fog which cleared by 8:15 a.m. to be a perfect birding day. Light conditions excellent, little wind. As we had just had some rainy days, the sun coming out brought the birds out as well. Fabulous day to be out birding.

Day 2: Temp. 8 to 22°C

Wind speed: 2 to 5 km./hr

Wind direction: E

Precipitation: 0 cm

Comments: partly cloudy

**Team Distance/Hours:** Total team Mileage:

475.5 km by vehicle 328 on foot 147.5 km

Total team hours: 62 hrs.

**Number of Species:** 114 (+ 2 cw)

**Number of Birds:** 3015 (+ 2 cw)

**Other species seen on count week:** pileated

woodpecker

**Highlights:** Our dedicated members were rewarded with the perfect birding day. Everyone had a great time. Mode of transportation included trucks, cars, helicopter, boat and Argo. Some of our members were actually in the field working while birding, hence the helicopter.

We did miss some key areas that have been covered in the past: the Snye (a productive waterway), the landfill and the sewage lagoons. This is because we've had several key members retire, one move to Colorado for the year, and one out of town. So, generally our count was down, both in species and numbers of birds. We had fewer people out in the field than in previous years. However, our members did an outstanding job of covering a large area of diverse habitat in and surrounding Fort McMurray.

### **Wakomao Lake**

**Date:** May 27, 2006

**Compiler:** Jim Lange

**Weather:** Temp. 6 to 15°C

Wind speed: 10 to 25 km/hr.

Wind direction: NW

Comments: occasional showers, sun and cloud

**Area Covered:** Wakomao Lake (lake, marsh, aspen parkland) and 10 km block (boreal forest, jack pine).

**Team Distance/Hours:** Total team Mileage: 70 km by vehicle 69 on foot 1 km

Total team hours: 10 hr by vehicle 9 hr on foot 1 hr.

**Number of Species:** 86

**Number of Birds:** 771

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**2006 May Bird Count Centers in Alphabetical Order, with Codes**

Beauvais Lake	Beau	Forfar Par	Ffar
BowKan	B-K	Fort McMurray	FMcM
Brooks/Lake Newel	Brks	Lac La Biche	LLB
Buffalo Lake	Buff	Sir Winston Churchill Provincial Park	SWC
Calgary and Area	Cgy	Lethbridge	Leth
Cardston	Card	Medicine Hat	MedH
Claresholm	Clar	Milk River/Writing-on-Stone	Milk
Cold Lake	Cold	Red Deer and Central Alberta	RedD
Coyote Lake	Coyo	Taber/Vauxhall	TabV
Crooked Creek/Athabasca	Crook	Wakomao Lake	Wako
Crowsnest Pass	Crow	Yamniska	Yam
Cypress Hills Interprovincial Park	Cyp		

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Greater White-fronted Goose								2			30	
Snow Goose												
Ross's Goose						1						
Brant												
Cackling Goose												
Canada Goose	97	393	1936	132	68	820	15	401	26	907	316	69
CHEN goose sp.												
Trumpeter Swan									1			
Tundra Swan										20		
swan species												
Wood Duck					2							
Gadwall	4	2	490	28		441	4	66	2	132	40	2
Eurasian Wigeon												
American Wigeon	21		304	12	8	189	8	66	2	30	40	6
American Black Duck												
Mallard	29	54	969	65	30	435	18	206	22	341	273	7
Blue-winged Teal	10	2	861	106	8	211	10	267	9	199	176	
Cinnamon Teal	1	1	74	2	1	25				4		
Northern Shoveler	2		1050	69		291		172		87	129	
Northern Pintail	2		975	15		280		48		25	8	
Green-winged Teal			69	9	2	26	10	54	4	34	48	5
Canvasback	3	3	238	22	12	43		90	2	32	110	
Redhead	9		382	59	7	79		78		85	130	
Ring-necked Duck	13	6	16		20	16	13	88	2	37	3	
Greater Scaup		40	50	4				9			40	
Lesser Scaup	7	8	875	85	5	130	47	178	17	188	350	6
Harlequin Duck		4			2							
Surf Scoter							8	4				
White-winged Scoter	6		11					23		3	117	42
Black Scoter												
Long-tailed Duck												
Bufflehead	10	28	62	25	2	4	34	179	15	88	435	3
Common Goldeneye		6	8	12		8	26	138	2	91	522	157
Barrow's Goldeneye		43			5			2				
goldeneye species												
Hooded Merganser		3	1						3		1	1
Common Merganser		74	2		12			20		5	132	47
Red-breasted Merganser			7			6		13			13	13
Ruddy Duck	3	2	274	45	6	21	3	56	1	79	226	
Duck species			154			613						
Gray Partridge			70			50		3		6		
Ring-necked Pheasant			41	1		25				1		

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Greater White-fronted Goose												32
Snow Goose												0
Ross's Goose												1
Brant												0
Cackling Goose												0
Canada Goose	146	359	15	179	400	469	29	3403	3	23	90	10296
CHEN Goose Sp.												0
Trumpeter Swan		2										3
Tundra Swan	1							8				29
swan species					4cw							0
Wood Duck						3		34				39
Gadwall	63	36		35	92	23		580	1	1	8	2050
Eurasian Wigeon												0
American Wigeon	31	15		6	7	12	4	211		55	13	1040
American Black Duck												0
Mallard	59	139	4	137	184	204	7	2010	2	42	35	5272
Blue-winged Teal	66	71	1	49	155	100	2	907	3	21	30	3264
Cinnamon Teal	18	13		5	34	1		103	2		1	285
Northern Shoveler	49	48		35	106	39	1	681	8	11	10	2788
Northern Pintail	43	21		22	26	28		189	1		2	1685
Green-winged Teal	10	4		6		7	1	78	1	36	8	412
Canvasback	20	22		38	50	10		183		2	8	888
Redhead	44	25		24	6	4		389		8	22	1351
Ring-necked Duck	1	9	2		17		4	166	3	32	13	461
Greater Scaup								4				147
Lesser Scaup	79	121		21	137	8		1006		32	34	3334
Harlequin Duck								9	9			24
Surf Scoter								7		1		20
White-winged scoter	7							6				215
Black Scoter												0
Long-tailed Duck												0
Bufflehead	8	4		15	14		4	395		66	22	1413
Common Goldeneye	1	7			7	10	7	166		43	5	1216
Barrow's Goldeneye	2	4			32			60				148
goldeneye species				2								2
Hooded Merganser		1		1				4		4		19
Common Merganser				7	1cw	16		129		12		456
Red-breasted Merganser						2				2		56
Ruddy Duck	41	10		5	27	11	3	575		25	11	1424
Duck species												767
Gray Partridge	21	9		6	24	24		43				256
Ring-necked Pheasant	22	1		9	11	15		46				172

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Ruffed Grouse	6	9		1	1		1	10	5	9	21	7
Greater Sage-Grouse						22						
Spruce Grouse												
Willow Ptarmigan												
White-tailed Ptarmigan												
Blue Grouse					7							
Sharp-tailed Grouse			1			2						
Wild Turkey	3											
Red-throated Loon												
Pacific Loon												
Common Loon		18	5		5			22	4	8	13	4
Yellow-billed Loon												
Pied-billed Grebe		1	7		2			7		2	6	
Horned Grebe			50	17		12		31		8	35	
Red-necked Grebe	18	5	87	3		2		71	11	13	158	9
Eared Grebe			359	15	6	245		56		56	194	
Western Grebe			163			5		256		6	302	112
Clark's Grebe			1			1						
American White Pelican	9		562	62	30	310		34	18	8	713	60
Double-crested Cormorant	1		919	27		4		20		20	4655	300
American Bittern			13			2						
Great Blue Heron	1	11	12	1	11			6	3	9	18	4
Great Egret												
Snowy Egret												
Black-crowned Night-Heron			80			39						
White-faced Ibis			6			3						
Turkey Vulture	1					2		3		11	1	
Osprey	5	23	1		7		2	3		3	20	5
Bald Eagle		5			4		3	4		2	5	
Northern Harrier	1		119	2	6	51		4		3	7	
Sharp-shinned Hawk			1					1	1		1	1
Cooper's Hawk		1						1 cw		3	3	
Northern Goshawk	1										1	
Accipiter species												
Hawk species								3				
Broad-winged Hawk							1	3			1	1
Swainson's Hawk			98		1	24		1		8		
Red-tailed Hawk	9	3	39	29	13	8		31	11	72	12	
Ferruginous Hawk			26		1	4						
Rough-legged Hawk			1							1		
Buteo species												
Golden Eagle		1	4		1	6						
American Kestrel		1	27		2	9	1cw	21	7	7	26	



	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Ruffed Grouse		2	3		4		2	23		17	2	123
Greater Sage-Grouse												22
Spruce Grouse										5		5
Willow Ptarmigan												0
White-tailed Ptarmigan												0
Blue Grouse									1			8
Sharp-tailed Grouse		3		4	8			1				19
Wild Turkey												3
Red-throated Loon												0
Pacific Loon												0
Common Loon		3			1cw		7	27	2	22	4	144
Yellow-billed Loon												0
Pied-billed Grebe	3	2			1		1	10		3	3	48
Horned Grebe		2			2	4		21				182
Red-necked Grebe	16	13	1		4		2	129		18	4	564
Eared Grebe	15	2		15	165			964			3	2095
Western Grebe	23				1cw			15				882
Clark's Grebe	1cw											2
American White Pelican	265	15		85	35	39		115				2360
Double-crested Cormorant	59	11		1	42	2		109		1		6171
American Bittern	3									1		19
Great Blue Heron	15	2	1		27	107		68		2	12	310
Great Egret												0
Snowy Egret												0
Black-crowned Night-Heron	1cw							21				140
White-faced Ibis								9				18
Turkey Vulture						5						23
Osprey		6			1			16	2	1		95
Bald Eagle		1				3		8	1		1	37
Northern Harrier	9	9		6	8	2		38		14	1	280
Sharp-shinned Hawk								3				8
Cooper's Hawk	1			1		1		3				13
Northern Goshawk												2
Accipiter species												0
Hawk species												3
Broad-winged Hawk	1					1						8
Swainson's Hawk	36	18		10	43	10		188				437
Red-tailed Hawk	13	21	2	6	33	9		216	1		6	534
Ferruginous Hawk	6	4			2			1				44
Rough-legged Hawk												2
Buteo species												0
Golden Eagle	1	1			5			1				20
American Kestrel	4			1	9	19		47	1	4	1	186

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Merlin	1		2			2		3		3	1	
Gyrfalcon												
Peregrine Falcon			1					1 cw				
Prairie Falcon			3		1	2				2		
Yellow Rail								1				
Virginia Rail			2									
Sora	2	9	54			4	18	31	1	14	29	3
American Coot		8	473	50	4	73	1	316	1	164	383	2
Sandhill Crane							2	48		2	3	
Whooping Crane												
Black-bellied Plover			3812			1						
American Golden-Plover			2					20			3	
Semipalmated Plover												
Piping Plover												
Killdeer	8	9	407	9	10	120	1	25	2	45	28	2
Mountain Plover												
Black-necked Stilt			64			1						
American Avocet			195	12		30		40		10	25	
Greater Yellowlegs			1					2			1	
Lesser Yellowlegs			1				1	3			3	
Solitary Sandpiper		1	1				1	4	2		3	
Willet			341	2		120		1		10		
Spotted Sandpiper	8	59	61		18	13	2	14	2	9	24	1
Upland Sandpiper			23									
Whimbrel			36			1 cw						
Long-billed Curlew			63		1	34						
Hudsonian Godwit								2			8	
Marbled Godwit			425	2		46		4		4		
Ruddy Turnstone												
Red Knot			47									
Sanderling								18				
Semipalmated Sandpiper			33					2 cw		2		
Western Sandpiper												
Least Sandpiper			44								22	
White-rumped Sandpiper								1				
Baird's Sandpiper			23					1			10	4
Pectoral Sandpiper			5					4				
Peeps species												
Dunlin												
Stilt Sandpiper			6			1		5				
Buff-breasted Sandpiper												
Short-billed Dowitcher			17			18				2		
Long-billed Dowitcher			1								2cw	

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Merlin	3	1			3	4		10		2	1	36
Gyr Falcon												0
Peregrine Falcon								3				4
Prairie Falcon	2			1		1		2				14
Yellow Rail								1				2
Virginia Rail	1											3
Sora	11	2	1		1	1	3	86	1	30	9	310
American Coot	28	38	1	39	61	8	5	739		19	18	2431
Sandhill Crane		8					1	2		4	1	71
Whooping Crane												0
Black-bellied Plover	45							227				4085
American Golden-Plover										1		26
Semipalmated Plover								1				1
Piping Plover												0
Killdeer	26	49		29	62	54		319		20	2	1227
Mountain Plover												0
Black-necked Stilt	4							3				72
American Avocet	26			8	9			141				496
Greater Yellowlegs								6		7		17
Lesser Yellowlegs								4		9	3	24
Solitary Sandpiper								2		4		18
Willet	23	9		2	10	4		98				620
Spotted Sandpiper	12	3	3	28	14	12		212	1	20	4	520
Upland Sandpiper	2				1			3				29
Whimbrel	2cw											36
Long-billed Curlew	6	1		2	11	6		2				126
Hudsonian Godwit												10
Marbled Godwit	22			13	3	17		61			1	598
Ruddy Turnstone												0
Red Knot												47
Sanderling	13											31
Semipalmated Sandpiper				8	1			214				258
Western Sandpiper												0
Least Sandpiper								2				68
White-rumped Sandpiper												1
Baird's Sandpiper								11				49
Pectoral Sandpiper												9
Peeps species												0
Dunlin												0
Stilt Sandpiper								3				15
Buff-breasted Sandpiper												0
Short-billed Dowitcher					5							42
Long-billed Dowitcher	1							9				11

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Dowitcher species				1								
Wilson's Snipe	10	6	123	16	11		5	54	11	16	16	
Wilson's Phalarope	8		538	2	6	179		29		4		
Red-necked Phalarope			75									
Red Phalarope												
Parasitic Jaeger												
Gull species			219	220		25						
Franklin's Gull			16421	50		32	71	1848	200	49	460	7
Bonaparte's Gull			3				1	311	1	1	2	2
Mew Gull												11
Ring-billed Gull	15		13246	20		17		213	6	40	184	
California Gull		11	2571		2	18		219		1	1663	107
Herring Gull								202			21	10
Thayer's Gull												
Glaucous Gull												
Sabine's Gull												
Caspian Tern			10								4	1
Common Tern			155	4		16		107		1	70	2
Forster's Tern			15			2		103			30	
Black Tern	1		106	40	8	4	100	804		118	596	1
Tern species						10						
Rock Pigeon		23	234	40	12	85		34	6	147	17	
Band-tailed Pigeon												
Eurasian Collared-Dove												
Mourning Dove	8		200		6	88		4	3	23		
Black-billed Cuckoo												
Great Horned Owl		6	14	1	7	24			1cw	5		
Snowy Owl								1				
Northern Hawk Owl												
Northern Pygmy-Owl					5		2 cw					
Burrowing Owl			3									
Barred Owl					2		1					
Great Gray Owl							1			1		
Long-eared Owl			1								1	1
Short-eared Owl			5			1						
Boreal Owl												
Northern Saw-whet Owl										5		
Common Nighthawk					2			6			3	1
Common Poorwill												
Black Swift												
Ruby-throated Hummingbird	13	4		1				11	1	15	13	2
Calliope Hummingbird		7			8							
Rufous Hummingbird		27			10							

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Dowitcher species												1
Wilson's Snipe	8	18	2	3	6	4	3	322	1	40	4	679
Wilson's Phalarope	44	50		19	39	16		382		2	3	1321
Red-necked Phalarope	2							14				91
Red Phalarope												0
Parasitic Jaeger												0
Gull species						100						564
Franklin's Gull	90	8		3	183	148		10152		9	5	29736
Bonaparte's Gull								18		73		412
Mew Gull										4		15
Ring-billed Gull	180	67		713	49	392		578		9		15729
California Gull	400	10	3	2	7	68		2337				7419
Herring Gull								1				234
Thayer's Gull												0
Glaucous Gull												0
Sabine's Gull												0
Caspian Tern	3							2				20
Common Tern	80	8		14	7			7		10		481
Forster's Tern	2							13				165
Black Tern	7	135			17		50	897		33	30	2947
Tern species												10
Rock Pigeon	60	57		29	124	305		643		1	4	1821
Band-tailed Pigeon												0
Eurasian Collared-Dove					6	4						10
Mourning Dove	40	12		57	48	128		64				681
Black-billed Cuckoo												0
Great Horned Owl	11	4	1	4	18	7		12		3		117
Snowy Owl												1
Northern Hawk Owl								2				2
Northern Pygmy-Owl												5
Burrowing Owl												3
Barred Owl								3		2		8
Great Gray Owl								8				10
Long-eared Owl												3
Short-eared Owl	1	3			4			1				15
Boreal Owl												0
Northern Saw-whet Owl				1								6
Common Nighthawk				1	4					2		19
Common Poorwill												0
Black Swift												0
Ruby-throated Hummingbird					2		1	1				64
Calliope Hummingbird		1						2				18
Rufous Hummingbird		1	1		8			10				57

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Vaux's Swift												
Black-chinned Hummingbird												
hummingbird species												
Belted Kingfisher	2	12			2	1 cw		2				
Lewis's Woodpecker												
Red-headed Woodpecker												
Yellow-bellied Sapsucker	4		1				12	4	6	9	8	2
Red-naped Sapsucker	5	2			11							
Sapsucker species												
Downy Woodpecker	4	2	3		7	2	3	11		7	5	1
Hairy Woodpecker		6			2		6	18	2	8	11	1
American Three-toed Woodpecker	2										2	2
Black-backed Woodpecker							1					
Northern Flicker	4	18	12		6	2	8	29	3	17	13	2
Pileated Woodpecker		2			1		1	8	2	1	7	2
Woodpecker species												
Olive-sided Flycatcher	1	1						3	1			
Western Wood-Pee-wee		4	1			4	3	5	1cw	3	3cw	3
Yellow-bellied Flycatcher											5	
Alder Flycatcher		1			1			4			4	1
Willow Flycatcher										1	1?	
Least Flycatcher	48	25	74			14	23	34	45	34	35	17
Empidonax species												
Hammond's Flycatcher												
Dusky Flycatcher		3										
"Western" Flycatcher												
Eastern Phoebe		2	2	1			3	35	2	12	22	4
Say's Phoebe			2			2						
Great Crested Flycatcher												
Western Kingbird	1		295			12						
Eastern Kingbird	4	2	18	13	22	55		7	7	9		
Loggerhead Shrike			7			6				1		
Northern Shrike												
Cassin's Vireo		2										
Blue-headed Vireo							18	8	3		9	7
Warbling Vireo	1	33	8		1			2	4	4	8	
Philadelphia Vireo							2	2			1	1
Red-eyed Vireo						2	11	42	3	9	9	7
vireo species								2				
Gray Jay		5			10		8	4		5	8	1
Steller's Jay					2							
Blue Jay	2	1	1	1	4	1 cw	1	19	3	13	18	1
Clark's Nutcracker					5							

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Vaux's Swift												0
Black-chinned Hummingbird												0
hummingbird species				1								1
Belted Kingfisher	1	1		3	1	4		8		2		38
Lewis's Woodpecker												0
Red-headed Woodpecker												0
Yellow-bellied Sapsucker					1	1	4	6		4		62
Red-naped Sapsucker	1		1		3			15				38
Sapsucker species									1			1
Downy Woodpecker	1	2		2	10	6		10	1			77
Hairy Woodpecker	1				6			5	1	9		76
American Three-toed Woodpecker								1		4		11
Black-backed Woodpecker												1
Northern Flicker	3	9		8	18	43	1	115	3	15	4	333
Pileated Woodpecker						1cw	1	5	2	1cw	2	34
Woodpecker species												0
Olive-sided Flycatcher					1	1		2				10
Western Wood-Pee-wee	2	2		6	2	3		61	7		2	108
Yellow-bellied Flycatcher												5
Alder Flycatcher								7				18
Willow Flycatcher					2							3
Least Flycatcher	18	2		38	2	44	3	275	5	22	4	762
Empidonax species												0
Hammond's Flycatcher									3			3
Dusky Flycatcher								15				18
"Western" Flycatcher												0
Eastern Phoebe					1		3	13		3	2	105
Say's Phoebe		4			2	2						12
Great Crested Flycatcher												0
Western Kingbird	29	4		9	34	41		30				455
Eastern Kingbird	27	22		15	37	66		105	10	6	1	426
Loggerhead Shrike	1cw							2				16
Northern Shrike												0
Cassin's Vireo			1					8	1?			11
Blue-headed Vireo							1	4		2	4	56
Warbling Vireo	5		1	8		12		175	6	1	1	270
Philadelphia Vireo										2		8
Red-eyed Vireo	2	2				4		12		4	2	109
Vireo species												2
Gray Jay					2			28		45		116
Steller's Jay												2
Blue Jay	1	1cw			2	7	1	24		7		106
Clark's Nutcracker					2				1			8

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Black-billed Magpie	29	40	155	46	23	37	2	187	3	154	113	2
American Crow	13	67	110	70	31	28	1	243	10	197	177	11
Common Raven	3	64	9		35	2	15	63	4	43	72	8
Horned Lark			1565	1	3	4890				5	1	
Purple Martin								48		5	27	
Tree Swallow	85	27	157	125	232	14	8	144	80	411	241	
Violet-green Swallow		14	5		16	17						
Northern Rough-winged Swallow		60	15		1							
Bank Swallow	3	3	449	8	6	139		6		3	22	
Cliff Swallow		1	258	24	261	1537		515		358	380	
Barn Swallow	6	19	248	19	19	94	2	140	4	42	81	2
swallow species						560						
Black-capped Chickadee	30	20	1	3	7	3	19	28	7	51	15	4
Mountain Chickadee		15			6							
Boreal Chickadee		3			1			1		5	7	2
Red-breasted Nuthatch	5	21			4		2	4	1	6	7	3
White-breasted Nuthatch	6	1	1		1	1	1	8		5		
Brown Creeper		2						2	1		6	6
Rock Wren			3		6	7						
House Wren	21	5	32	7	7	15		18	7	37	11	1
Winter Wren								4			9	9
Sedge Wren												
Marsh Wren	5		266			128	4	1		1	10	
American Dipper		3			3							
Golden-crowned Kinglet	2	13					8		1		12	6
Ruby-crowned Kinglet	18	81			1	1	21	33	7	12	29	19
Eastern Bluebird												
Western Bluebird												
Mountain Bluebird	64	11	1	7	21	2		7	10	58	6	
Townsend's Solitaire		1			2							
Veery								2				
Gray-cheeked Thrush			3									
Swainson's Thrush		1 cw	20		2	12	4	16		1	31	25
Hermit Thrush		3	1		1	1 cw	17	19	1	1	11	
American Robin	80	117	401	21	64	202	20	161	50	233	157	2
Varied Thrush		5										
Gray Catbird			3	4	7	10		2		15		
Thrush species												
Northern Mockingbird												
Sage Thrasher			1									
Brown Thrasher			7			7						
European Starling		22	487	36	87	76		85	30	270	50	2
American Pipit		100										



	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Black-billed Magpie	37	57		33	137	182	1	827		84	10	2159
American Crow	22	29		18	110	64	1	599	1	30	23	1855
Common Raven		4	1	2	91		2	250	6	38	8	720
Horned Lark	56	38		25	84	62		34				6764
Purple Martin								12				92
Tree Swallow	28	160	6	162	369	102	2	3196	1	108	4	5662
Violet-green Swallow	9					2		11	5			79
Northern Rough-winged Swallow	8			29	380	1		439	1			934
Bank Swallow	80	63		772	470	913		1582	1	1	5	4526
Cliff Swallow	760	184		113	800	111		3503		320	100	9225
Barn Swallow	41	48		127	165	25		393	3	9	2	1489
swallow species												560
Black-capped Chickadee	2			13	18	25		142		23	4	415
Mountain Chickadee			3		8			13	1			46
Boreal Chickadee								8	1			28
Red-breasted Nuthatch			4	1	2	3	2	61	1	3		130
White-breasted Nuthatch				1		1		7				33
Brown Creeper								1				18
Rock Wren	1					1		3				21
House Wren	15	11	1	58	33	122		256			5	662
Winter Wren								2		13		37
Sedge Wren												0
Marsh Wren	27							27		6	2	477
American Dipper								9	1			16
Golden-crowned Kinglet			5				2	20	9			78
Ruby-crowned Kinglet			10			2	5	314	22	30	3	608
Eastern Bluebird												0
Western Bluebird												0
Mountain Bluebird		42	4	3	88	1		214			3	542
Townsend's Solitaire								29	2			34
Veery				1	1			8				12
Gray-cheeked Thrush												3
Swainson's Thrush	7	3	1	4	6	6		49	2	11		200
Hermit Thrush							2	20		6	1	83
American Robin	75	202	14	150	189	592	13	1495	16	126	6	4386
Varied Thrush				1cw				35	1			41
Gray Catbird	9	2		34	2	34		53			3	178
Thrush species												0
Northern Mockingbird						1						1
Sage thrasher												1
Brown Thrasher	7			5	1	44		3				74
European Starling	73	141	4	118	179	463		1576	2	13	17	3731
American Pipit								130				230

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Sprague's Pipit			256			42						
Bohemian Waxwing												
Cedar Waxwing		1	18	2	13	19		1	20	15	1	
Tennessee Warbler		10	5			1	47	112			63	26
Orange-crowned Warbler	6	12	1				3	2			3	
Nashville Warbler												
Yellow Warbler	19	63	111	8	12	81	14	84	33	66	61	61
Chestnut-sided Warbler								3				
Magnolia Warbler	3						1	3			2	17
Cape May Warbler								1			8	3
Black-throated Blue Warbler												
Yellow-rumped Warbler	47	92	16		2	2	39	38	5	7	121	71
Black-throated Green Warbler								1			6	6
Townsend's Warbler	1	16			1							
Blackburnian Warbler								2			9	8
Palm Warbler			1				1				2	2
Bay-breasted Warbler											5	5
Blackpoll Warbler			5				1					
Black-and-white Warbler		2					1	10			7	4
American Redstart	2	7	1				2	13			39	38
Ovenbird	3	2					40	90	4	1	32	13
Northern Waterthrush		31	2		2		1	4			7	2
Connecticut Warbler		1						40		1	6	
Mourning Warbler											11	9
MacGillivray's Warbler	10	3			1							
Common Yellowthroat	17	21	11		2	10	11	15	2	7	1	1
Wilson's Warbler		40	4		2	8		4		1		
Canada Warbler							1	4			6	4
Yellow-breasted Chat						1 cw						
Warbler species								1				
Western Tanager		9					6	9	2		11	6
Spotted Towhee			1			10				9		
Black-throated Sparrow												
American Tree Sparrow	3										10	
Chipping Sparrow	79	64	348		4	75	23	140	7	32	163	102
Clay-colored Sparrow	10	5	271	1		10	17	136	24	82	82	8
Brewer's Sparrow			23									
Vesper Sparrow	8	2	774		1	1500		22	1	40	6	
Lark Sparrow			10									
Lark Bunting	1		76			29						
Savannah Sparrow	33	19	548	16	2	60		86	5	79	17	2
Grasshopper Sparrow			23									
Baird's Sparrow	2		119			4						

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Sprague's Pipit	15			5	1	25		5				349
Bohemian Waxwing						5						5
Cedar Waxwing		2		41	3	69	1	29				235
Tennessee Warbler						3	19	104	2	386	6	784
Orange-crowned Warbler				2cw		5	2	36	1	1cw		71
Nashville Warbler												0
Yellow Warbler	28	25	3	94	15	234	3	552	1	8	11	1587
Chestnut-sided Warbler												3
Magnolia Warbler							3			2		31
Cape May Warbler								4		3		19
Black-throated Blue Warbler												0
Yellow-rumped Warbler		4			2		4	196	19	16		681
Black-throated Green Warbler							4			1		18
Townsend's Warbler		1						20	20			59
Blackburnian Warbler												19
Palm Warbler										1		7
Bay-breasted Warbler												10
Blackpoll Warbler	1			2		1	2	3				15
Black-and-white Warbler							2			22		48
American Redstart		1			1cw		1	5	4	5		118
Ovenbird							9	5	1	71	1	272
Northern Waterthrush			1		1			46	2	8		107
Connecticut Warbler							1	2				51
Mourning Warbler												20
MacGillivray's Warbler					1cw			5				19
Common Yellowthroat	11			3	3	19	1	97	1	5	5	243
Wilson's Warbler	1	1			2			59	3	2		127
Canada Warbler										2		17
Yellow-breasted Chat						1						1
Warbler species								1				2
Western Tanager		2					2	4	2	19		72
Spotted Towhee	2			5		26		10				63
Black-throated Sparrow								1				1
American Tree Sparrow										2		15
Chipping Sparrow	19	15	11	17	60	70	2	470	15	114	1	1831
Clay-colored Sparrow	21	5	1	20	4	57	1	582	4	25	10	1376
Brewer's Sparrow	3					3						29
Vesper Sparrow	34	28	1	11	60	59		188	1		3	2739
Lark Sparrow	10			4	6	63		1				94
Lark Bunting	11					29			1			147
Savannah Sparrow	35	49		4	59	31		579	2	31	4	1661
Grasshopper Sparrow	2											25
Baird's Sparrow	3					5						133

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Le Conte's Sparrow		1	6				2	42			6	
Nelson's Sharp-tailed Sparrow							1					
Fox Sparrow		5										
Song Sparrow	18	20	33		1	1	17	90	11	29	84	15
Lincoln's Sparrow		14	1		1	1	3	10	6	1	1	1
Swamp Sparrow			2	2			15	7			5	2
White-throated Sparrow		6	5				49	130	19	30	66	22
Harris's Sparrow											1cw	
White-crowned Sparrow	25	34	9	1	7			50		2	1	
Golden-crowned Sparrow												
Dark-eyed Junco	21	84			5		15	6	4	3	6	3
Sparrow species								100				
McCown's Longspur			29			46						
Lapland Longspur												
Smith's Longspur			1									
Chestnut-collared Longspur			855			304						
Snow Bunting												
Rose-breasted Grosbeak		1	6				14	42	12	10	20	10
Black-headed Grosbeak	1				1							
Lazuli Bunting					1	1 cw						
Indigo Bunting												
Bobolink			2							1 cw		
Red-winged Blackbird	89	120	3247	179	166	805	322	395	65	352	1	1
Western Meadowlark	33	2	1954	2	20	788		6	2	90	3	
Yellow-headed Blackbird	29	4	2623	56	1	471		55		82	31	
Rusty Blackbird		7									29	
Brewer's Blackbird	29	4	1045	11	145	168		53	60	357	29	
Common Grackle	9	2	159	1	1	3	1	8		8	2	
Brown-headed Cowbird	58	107	1704	32	48	189	5	85	12	66	88	13
Baltimore Oriole			30			2	1	14	9	15	4	
Bullock's Oriole					6							
Blackbird species						232						
Gray-crowned Rosy-Finch												
Pine Grosbeak												
Purple Finch							9	23	3	7	15	
Cassin's Finch												
House Finch			2		9	60				9		
Red Crossbill												
White-winged Crossbill												
Common Redpoll												
Hoary Redpoll												
Pine Siskin	1	10	1		4			2 cw			8	
American Goldfinch	5	4	5	10	9	42		65	4	53	27	1

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Le Conte's Sparrow								9		7	2	75
Nelson's Sharp-tailed Sparrow								1				2
Fox Sparrow								7				12
Song Sparrow	5	1		1		5	2	98	2	32	7	472
Lincoln's Sparrow							1	58	1	3	3	105
Swamp Sparrow							5	1		14	3	56
White-throated Sparrow					1		8	64		192	8	600
Harris's Sparrow												0
White-crowned Sparrow		10	3		22	2		108	1			275
Golden-crowned Sparrow												0
Dark-eyed Junco			2		5		1	139	3	5	1	303
Sparrow species												100
McCown's Longspur												75
Lapland Longspur												0
Smith's Longspur												1
Chestnut-collared Longspur	32					2						1193
Snow Bunting												0
Rose-breasted Grosbeak						1	2	25	1	42	1	187
Black-headed Grosbeak			1		1			1				5
Lazuli Bunting			1		1	4		3				10
Indigo Bunting												0
Bobolink								2				4
Red-winged Blackbird	125	160	19	109	172	331	3	3408	2	161	22	10254
Western Meadowlark	64	46		31	103	312		322	2			3780
Yellow-headed Blackbird	220	98		94	68	84		1326	1		18	5261
Rusty Blackbird												36
Brewer's Blackbird	41	120		19	98	253		1115		14	3	3564
Common Grackle	42	32		126	2	187		47		21		651
Brown-headed Cowbird	101	34	4	27	210	85	7	876	1	6	4	3762
Baltimore Oriole	11	7		15	19	26		140				293
Bullock's Oriole	2											8
Blackbird species									1			233
Gray-crowned Rosy-Finch								200				200
Pine Grosbeak								2				2
Purple Finch							1			8	1	67
Cassin's Finch		2										2
House Finch	12	3		11	29	28		14	1			178
Red Crossbill												0
White-winged Crossbill												0
Common Redpoll												0
Hoary Redpoll												0
Pine Siskin			1					12	3			40
American Goldfinch	11	40		28	108	43		208			4	667

	Cyp	B-K	Brks	Buff	Crow	Milk	Crook	Cold	Coyo	RedD	LLB	SWC
Evening Grosbeak							4	20		1	2	
Grosbeak species												
House Sparrow			1571	16	14	280		148	2	302	54	
<b>TOTAL</b>	<b>1356</b>	<b>2581</b>	<b>72118</b>	<b>2041</b>	<b>1802</b>	<b>18555</b>	<b>1298</b>	<b>11385</b>	<b>1013</b>	<b>7146</b>	<b>15755</b>	
<b>total # of individual CW</b>		<b>1cw</b>				<b>6 cw</b>	<b>3 cw</b>	<b>6 cw</b>	<b>2cw</b>	<b>1cw</b>	<b>6 cw</b>	
<b>total species</b>	<b>91</b>	<b>118</b>	<b>171</b>	<b>70</b>	<b>115</b>	<b>122</b>	<b>87</b>	<b>161</b>	<b>84</b>	<b>133</b>	<b>154</b>	
<b>total species CW</b>		<b>1</b>				<b>6</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>3</b>	

	TabV	Card	Beau	Leth	Clar	MedH	Ffar	Cgy	Yam	FMcM	Wako	Total
Evening Grosbeak					2		1	5		6		41
Grosbeak species												0
House Sparrow	75	100		41	173	204		1190		26	1	4197
<b>TOTAL</b>	<b>4640</b>	<b>3339</b>	<b>145</b>	<b>4174</b>	<b>6910</b>	<b>7730</b>	<b>269</b>	<b>59687</b>	<b>258</b>	<b>3015</b>	<b>771</b>	<b>227609</b>
<b>total # of individual CW</b>	<b>5cw</b>	<b>1cw</b>		<b>3cw</b>	<b>9cw</b>	<b>1cw</b>	<b>0</b>	<b>0</b>		<b>2cw</b>		<b>46 cw</b>
<b>total # of species</b>	<b>125</b>	<b>106</b>	<b>41</b>	<b>97</b>	<b>126</b>	<b>117</b>	<b>62</b>	<b>207</b>	<b>74</b>	<b>114</b>	<b>86</b>	<b>271</b>
<b>total # species cw</b>	<b>4</b>	<b>1</b>		<b>2</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>		<b>2</b>		