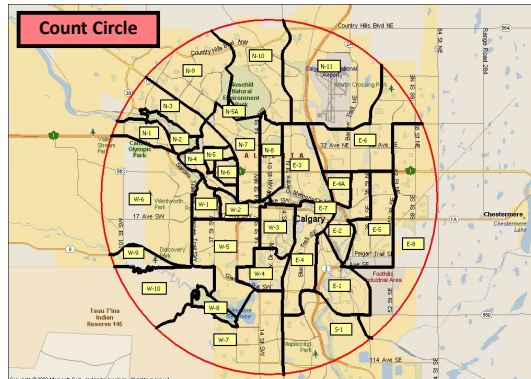


64th Calgary Christmas Bird Count



Sunday December 20, 2015

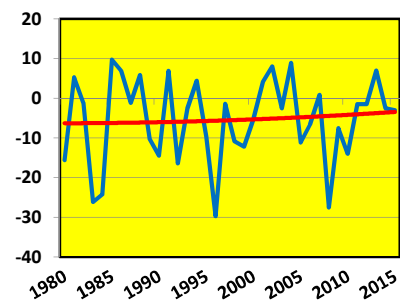
©Arthur Wieckowski



Weather

- Mostly Cloudy (Chinook)
- Temperature Range: -5 to -1 deg C
- Wind: S, averaging 10 km/h
- Snow Cover: variable, 5 – 10 cm
- Open Water: Rivers 0 - 100 %, Reservoir, 0%
- **Abundant Cone Crop**
- **No Protracted Cold Snaps Before Count**

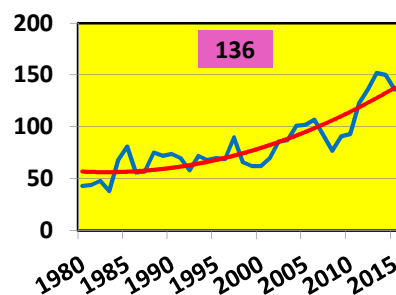
Count-Day Temperature, °C



Participants

	2015	2014	2013	2012	2011
Field Observers (33 routes)	136	150	152	136	123
Feeder Watchers (89 feeders)	114	113	116	113	117
Total	250	263	268	249	240

Field Observers



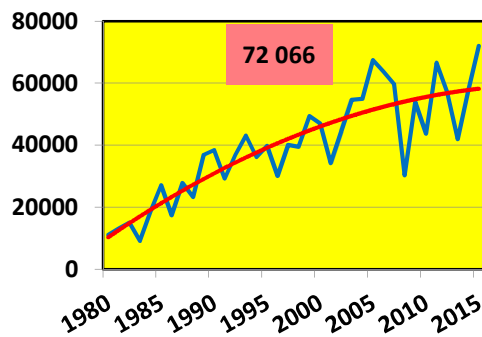
Effort

	2015	2014	2013	2012	2011
Km on Foot	343	306	313	275	272
Km Driving	1033	1071	1004	912	1021
Party-Hours	264	286	270	240	231
% PH on Foot	76	72	73	77	71

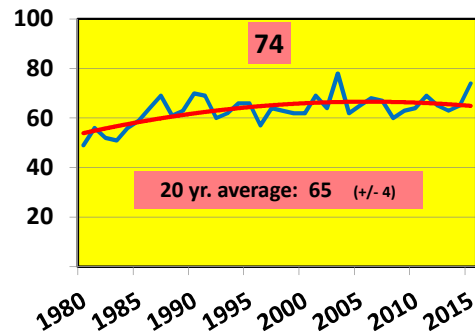


©Mike Truch

Number of Individuals Seen



Number of Species



Cumulative Species

138

2015	Snow Goose Brown Thrasher
2014	Herring Gull
2013	Eurasian Collared-Dove
2011	American Pipit

Snow Geese



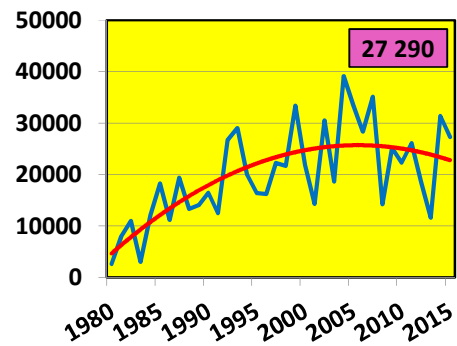
©Bob Lefebvre

Brown Thrasher

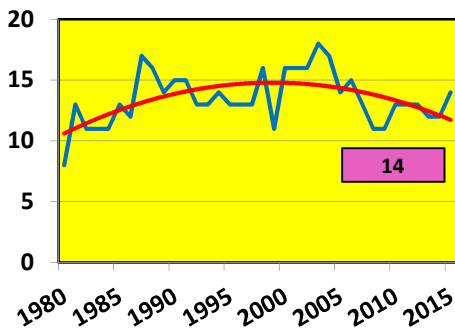


©Bernard Tremblay

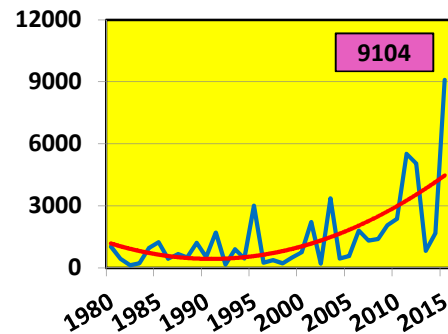
Waterfowl Individuals



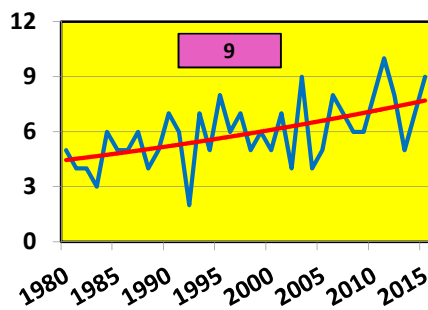
Waterfowl Species



Finch Individuals



Finch Species



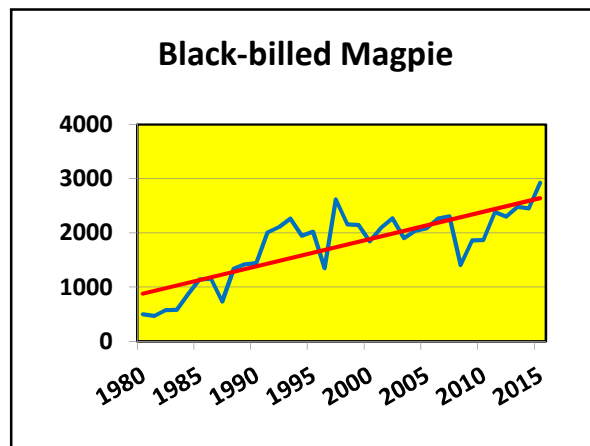
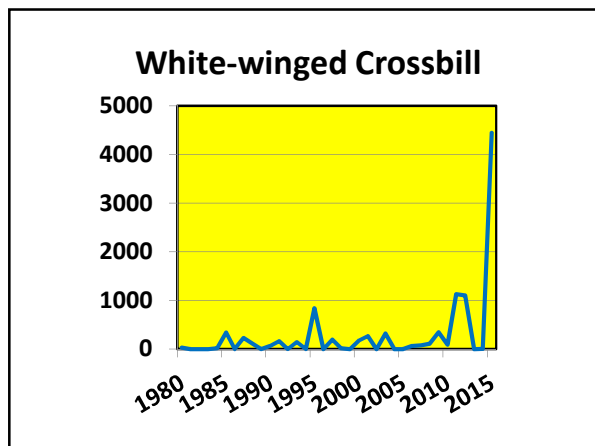
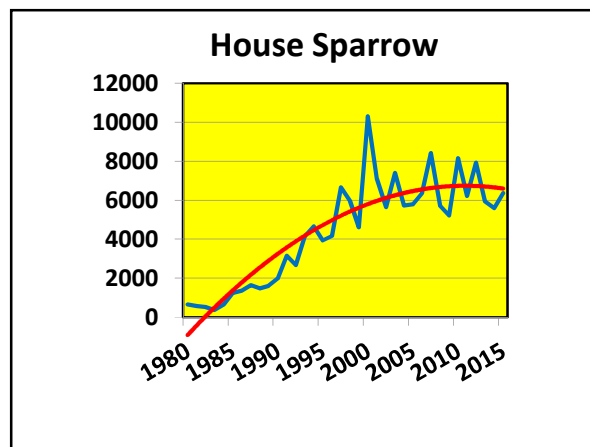
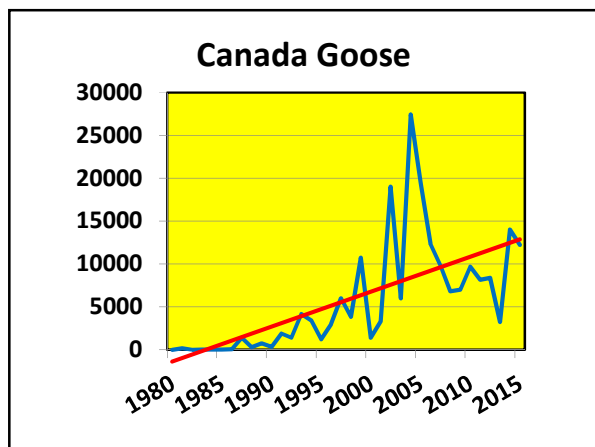
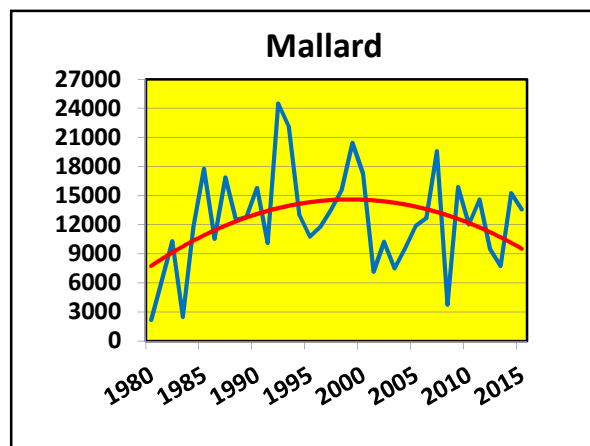
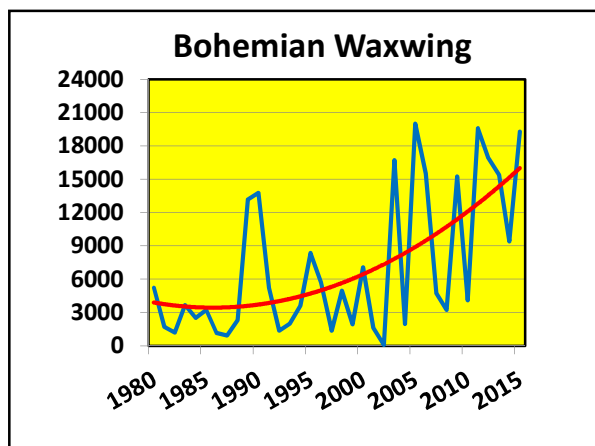
Below
Average

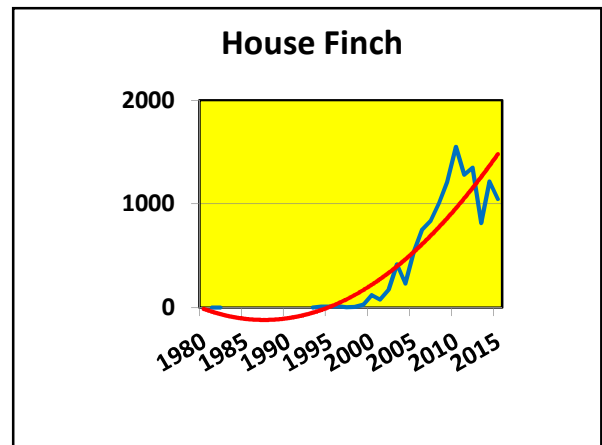
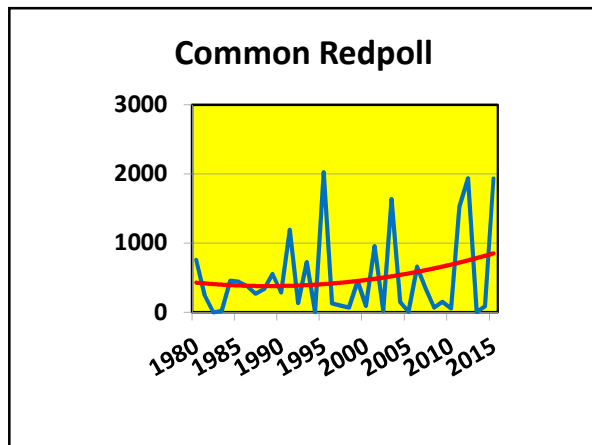
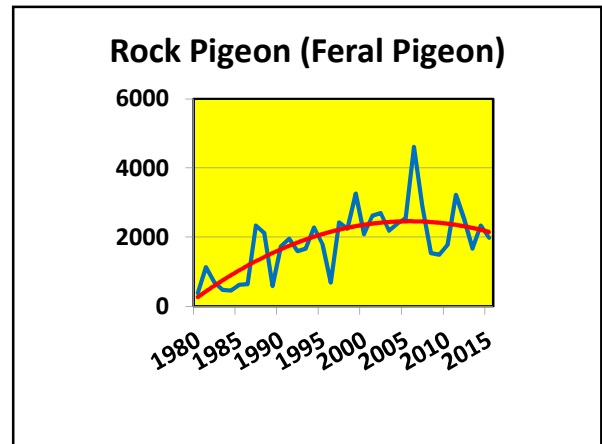
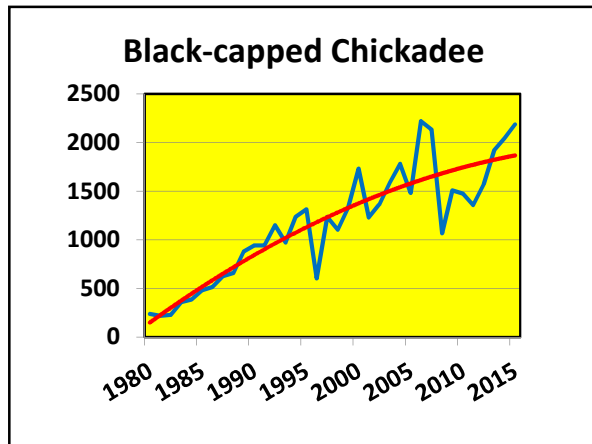
Top Ten

Above
Average

Bohemian Waxwing, 19 281	Black-billed Magpie, 2924
Mallard, 13 598	Black-capped Chickadee, 2187
Canada Goose, 12 250	Rock Pigeon, 1982
House Sparrow, 6368	Common Redpoll, 1933
White-winged Crossbill, 4448	House Finch, 1047

In 2014 we had 9 White-winged Crossbills





Record Counts

Bufflehead, 321
Rough-legged Hawk, 17
Merlin, 43
Eurasian Collared-Dove, 63
Northern Flicker, 288
Pileated Woodpecker, 5

Record Counts

Northern Shrike, 11
Black-billed Magpie, 2924
Red-breasted Nuthatch, 727
Red Crossbill, 563
White-winged Crossbill, 4448

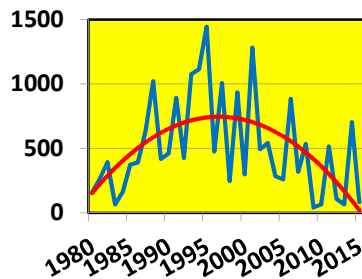
High Counts (>3x average)

Cackling Goose, 14
Killdeer, 12
Merlin, 43
American Dipper, 6
American Robin, 174
Purple Finch, 6
Common Redpoll, 1933
Pine Siskin, 733

Low Counts (<1/3 x average)

Wood Duck, 1
European Starling, 84
Snow Bunting, 1

European Starling



Species Categories

Old Faithful	40	10 out of last 10 years
Not Always Seen	23	5-9 out of last 10 years
Unusual	40	1-4 out of last 10 years
Rarities	33	0 out of last 10 years
New	2	0 out of last 63 years

Total = 138

2015 Count

Old Faithful	40	40 seen (100%)
Not Always Seen	23	16 seen, 7 missed (70%)
Unusual	40	14 seen, 26 missed (35%)
Rarities	33	2 seen (6%)
New	2	2 seen

Cumulative Total = 138 Total Seen in 2015 = 74

Old Faithfuls

Count	Species
Above Average	28
Below Average	12
Total	40

Average refers to past 10 years

Last year was 22 and 17 and 1 missed

Golden-crowned Kinglet



20 seen (79% of average)

©Bob Lefebvre

Not Always Seen

Count	Species
Above Average	10
Below Average	6
Missed	7
Total	23

Last year was 6 and 11

Missed

American Wigeon
Lesser Scaup
Harlequin Duck
Red-tailed Hawk (CW)
Gyr Falcon
Prairie Falcon (CW)
Mountain Chickadee

Unusual Species

Cackling Goose, 14
Gadwall, 1
Green-winged Teal, 1
Pied-billed Grebe, 1
Northern Harrier, 1
American Coot, 1
Wilson's Snipe, 3

Unusual Species

Eurasian Collared-Dove, 63
Northern Saw-whet Owl, 1
American Three-toed Woodpecker, 1
Song Sparrow, 1
Harris's Sparrow, 1
Hoary Redpoll, 3
American Goldfinch, 1

Harris's Sparrow



©Trevor Churchill

Eurasian Collared-Dove



Rarities

Snow Goose, 3 **(New for Count)**

Double-crested Cormorant, 1

Great Blue Heron, 1

Brown Thrasher, 1 **(New for Count)**

Count Week Birds

Red-tailed Hawk

Prairie Falcon

Mourning Dove

Northern Cardinal

Count Week

- Count Day, 74
- Count Week, 4
- Total Including Count Week, 78

Mammals

Snowshoe Hare	12	
White-tailed Jack Rabbit	29	
Gray Squirrel	274 (Low)	69% Black
Red Squirrel	97	
Muskrat	1	
Coyote	7	
Meadow Vole	1	
Weasel sp.	Tracks	
House Mouse	1	
Mule Deer	4	
White-tailed Deer	28	
Cougar	Tracks	+ European Rabbit 55



Seen by Route E-7

Battle of Alberta

Calgary, 74
Edmonton, 55

Top Routes by Species Seen

W-10 (Podlubny)	43
E-1 (Bulman)	38
Feeder-Watchers (Wieckowski)	33
E-2 (Lefebvre)	30
S-1 (Hitchon)	29
N-2 (Parliament), W-1 (Lein), W-3 (Yaki), W4 (Thompson)	27

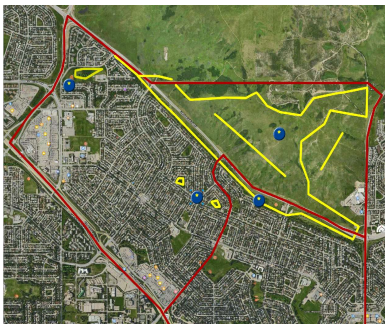
Seen by Only One Route

E-1	Wood Duck, Gadwall, Redhead
E-2	Harris's Sparrow
E-3	American Coot
E-5	Eurasian Collared-Dove
E-8	Hooded Merganser
S-1	Barrow's Goldeneye, Pied-billed Grebe
W-1	Cooper's Hawk
W-8	American Tree Sparrow, American Goldfinch
W-10	Northern Pintail, Green-winged Teal, Ruffed Grouse, Great Blue Heron, Northern Harrier, Song Sparrow, Snow Bunting
Feeders	White-throated Sparrow

Effort, Party-Hours

- Route W-10, **20.25**
- Route S-1, **16**
- Route E-1, **14.5**
- Routes E-2/E-7, **12.75**
- Route N-7, **11.75**

The Future of Counting?



©Trevor Churchill

Contribution of Feeder Watchers

33 species in total

The only White-throated Sparrows

Also >40%:

Ring-necked Pheasant, Blue Jay,
Dark-eyed Junco, and Purple Finch

5 species > 40% vs 8 species in 2014

Thanks!

- To all Field Observers and Feeder Watchers
- To Ann Kyle and Jim Washbrook **WONDERFUL!**
- To Donna Wieckowski, Barb Coote, Jean Dunn, Cathy Huene, Dorothy Johnston, Aileen Pelzer, Nimali Seneviratne and Ruth Ullman
- To Daniel Arndt, Bob Lefebvre and Arthur Wieckowski
- To Daniel Arndt, Terry Korolyk, John McFaul and Jim Washbrook
- To all photographers
- To all who made donations



©Matthew Sim

Happy New Year

And Good Birding!