

Observations from the 2011 Pennsylvania Migration Count (PAMC)

John Fedak and Frank Haas

Our 20th annual Pennsylvania Migration Count occurred on Saturday, 14 May 2011. The weather threatened all day, but birders were able to participate in the count by observing spring migration in Pennsylvania!

Here are the numbers for 2011:

- 930 observers (up 255)
- 2,932.12 field hours (up 694.02)
- 199,120 birds (up 101,162)
- 238 species (up 20)
- 53 counties reporting

Pennsylvania birders really rose to the occasion this year. The 2011 PAMC was the fourth highest count for number of species found. The overall high species count occurred in 2002 with 240 species. Imagine what the numbers could have been if the weather was more favorable, or better yet, if we had participation from the 14 missing counties!

Weather

For most of the commonwealth it was cloudy all day. Intermittent drizzle and rain showers did happen, but in most areas it was dry enough for a good day of birding. The clouds seemed to actually help in spots. Compared to 2010, the weather for 2011 was positively excellent.

In *McKean*, the clouds seemed to keep the warblers in the area for most of the day and the ridges held lots of warblers. It drizzled, but not enough to hamper the birding until later in the day. On the eastern side of the state in *Bucks*, Diane Allison commented: "Count day dawned with a cloudy, cool and misty morning. We had 62 participants that spent a little over 162 hours covering about 357 miles searching Bucks County for birds. The total species count was 144, which was well below our all-time high of 172 species. We had some rain during the day, a few significant areas that were not covered due to last minute issues, and the count was the very latest that it can fall. These things may have contributed to a lower species total. Many of the warblers had already moved through. But all in all it was a good day with some very interesting species being found." In *Luzerne*, David Fisher stated, "Despite the on-and-off rain showers throughout the day and

the cloud cover, which obscured good visibility for many raptors, the count turned out to be very good with a total of 147 species—up 21 from last year's count. Even though the weather was less than perfect, I believe it was much less a factor in this year's count compared to last year."

In *Centre*, Nick Kerlin commented "Count Day was strange! Totally overcast, with rain threatening all day, some light sprinkles. Nearly all 39 participants made similar comments: Birds were not plentiful, there was little singing and missed species that I expected to see. However, when all was said and done it was one of our highest counts with 149 species and 6757 total individual birds."

Overall, the later date may have had more of an effect on the count than the less than perfect weather. In the southern part of the state, some birds had already moved through. However, that may have been made up in the northern part of the state where migration seemed to still be in full swing.

Participation

There were over 250 more birders and almost 700 more field hours logged this year than last year. *Monroe* was the first county out of the gate at 12:30 AM and *Indiana* was the last county out of the field at 10:45 PM. *Allegheny* had the most party hours by foot—an impressive 110! County led the most hours by car with 102.5. *Indiana* headed up the most hours by other with 106.5 and the most hours by parties with 251.5.

Participants really racked up the mileage as well. As expected, with the most hours on foot, *Allegheny* also led with the most miles on foot with 102! *Indiana* recorded a remarkable 828.7 miles by car. *Dauphin* recorded the most other miles with 102.5. Lastly, *Indiana* recorded the most miles of all the counties with 864.85.

An effort was made by the coordinators to keep the count in the forefront of birders' thoughts ever since the end of the 2010 count. The effort did seem to pay off. Personally, I was gratified to see such a large increase in participation from last year. With reports being given and the count staying in the forefront, we are hopeful

the numbers will continue to grow.

The bad news is that there were still 14 counties without any report submitted, most of which are home to very good and passionate birders. With a little more effort and some spreading of the word this year, maybe we will see some participation in every county next year.

Table 1. Top 10 counties by field hours

County	Hours
Indiana	251.50
Franklin	212.25
Bucks	162.55
Berks	161.25
Allegheny	122.50
Westmoreland	121.25
Centre	119.75
Lancaster	110.75
Schuylkill	109.00
Chester	107.40

Table 2. Top 10 counties by participants

County	Participants
Franklin	66
Bucks	62
Indiana	59
Berks	49
Chester	48
Lancaster	41
Philadelphia	39
Centre	39
Greene	37
Juniata	36

Species encountered

PAMC 2011 yielded new high counts (HC) for 15 species, and tied the high count for another five. One new species was found in 2011, **Yellow Rail** (documentation has been sent to PORC). Since 1992, a total of 289 species have been found on the count!

American Wigeon, Red-necked Phalarope, White-winged Scoter, and Hooded and Common Mergansers were all found in record numbers. The high numbers of waterfowl were a bit unexpected considering the lateness of this year's count. **Great Egret, Merlin, Iceland Gull, Willow Flycatcher, Gray Catbird, Blackpoll Warbler, Prothonotary Warbler, Mourning Warbler, and Fox Sparrow** also set new high counts. **Gadwall, Canvasback, Ring-necked Duck, Peregrine Falcon, and Eurasian Collared-Dove** all tied their existing high counts. Once again, **American Robin** was the most recorded species,

with 16,333 individuals observed. **Gray Catbird** moved up the list past Canada Goose by almost doubling last year's number.

There were no new lows among regularly occurring species in the count this year. However, there seems to be a trend of lower numbers in some species. For example, **Yellow-rumped Warbler** has an average count (all years) of 1784, compared to 410 this year. Other species have shown lower numbers this year compared to the count average: **Blue-winged Warbler**, **Palm Warbler**, **Broad-winged Hawk**, **Red-tailed Hawk**, **Blue-winged Teal**, **Short-billed Dowitcher**, and (surprise) **Evening Grosbeak** all showed lower count numbers this year compared to historical average. This may in part be due to the lateness of the count, but I suspect that there may be environmental factors as well.

Table 3. Most abundant species

Species	Individuals
American Robin	16333
Red-winged Blackbird	11020
European Starling	10983
Common Grackle	9267
Gray Catbird	8526
Canada Goose	6201
Barn Swallow	6120
American Crow	5151
Tree Swallow	4513
Northern Cardinal	4417

Geese through Ducks

Snow Goose remained in the area with 88 counted, including 25 in *Lebanon*. **Canada Geese** were below average for PAMC counts; 6243 were found in 49 of 53 counties, against an average of 7802 for all previous years. A lone **Tundra Swan** was located in *Lancaster*.

Mallards were also down; however, seven species of ducks set either a new or tied high count. **Gadwall** matched the high count while **American Wigeon**, **Canvasback**, **Ring-necked Duck**, **White-winged Scoter**, **Hooded Merganser**, and **Common Merganser** surpassed their high counts. Twenty-nine **Common Mergansers** were located in *Wyoming*, with many other counties not far behind. A total of 84 **Hooded Mergansers** were found with *Juniata* providing 17 of them. A large fallout of **American Wigeon** occurred on count day. *Schuylkill* totaled 68, *Juniata* topped that with 80, but *Cumberland* took top honors with 194. Statewide

there were 450 found. *Centre* had 27 of the 83 **White-winged Scoters**, followed closely by *Dauphin* with 22 and *Montour* with 15. The only **Long-tailed Duck** of the count was found in *Wyoming* and the only **Green-winged Teal** was located in *Cumberland*. *Forest* and *Northampton* each recorded one of the 2 **Canvasbacks** seen on count day.

Fowl through waders

Ruffed Grouse, our state bird, were found more easily than last year, with 104 counted in 32 counties. *Centre* tallied 14 followed by *Schuylkill* with 13 and *Wayne* with 6. Fourteen **Ring-necked Pheasant** of the 87 observed were found in *Indiana*. A nice total of 533 **Wild Turkeys** was found across 44 counties, with *Indiana* and *Wyoming* having 50 each. Ten **Northern Bobwhites** were found, most or all of which are probably released birds.

Clinton and *Dauphin* each had one **Red-throated Loon**. *Dauphin* had 12 **Common Loons** but *Luzerne* doubled that with 24. *Chester* tallied 6 of the 22 **Pied-billed Grebes** reported. Only one **Horned Grebe** was found (*Butler*). After last year's high count, no Great Cormorants were found this year. However, 546 **Double-crested Cormorants** were tallied, 116 of which were in *Lancaster* and 177 in *Bucks*.

Selected highlights for the herons: one **Least Bittern** (*Cumberland*); 2 **American Bitterns** (*Bedford*); one **Yellow-crowned Night-Heron** (*Cumberland*); one **Little Blue Heron** (*Bucks*); one **Snowy Egret** (*Bedford*). Top counts of **Black-crowned Night Heron** were 39 (*York*) and 22 (*Cumberland*). A total 104 **Great Egrets** were found with 40 located in *Dauphin*.

Vultures, raptors

A final count of 1687 **Turkey Vultures** were observed in 52 out of 53 counties. **Black Vultures** turned up with high numbers, with a total of 415 located in 25 counties (121 in *Lancaster*). Ninety-one **Osprey** were reported from 26 counties. **Bald Eagles** are continuing to increase, with 135 found in 31 counties, 25 in *Lancaster* alone. Only 2 **Northern Goshawks** were located, one each in *Lehigh* and *Wayne*. **Red-tailed Hawk** numbers were down with only 420 located in 46 counties.

Falcons included 156 **American Kestrels**, 9 **Merlins** (HC) in six counties, with *McKean* providing 3 of them, and 22 **Peregrine Falcons**, 6 in *Clinton*. With Merlins breeding in the state (the latest nest in *Williamsport*) their numbers will likely increase.

Across the state, the skies were cloudy or rainy. This could have been a factor in the lower counts of **Broad-winged**, **Red-shouldered**, **Cooper's**, **Sharp-shinned**, and other hawks. *Lycoming* recorded 11 of the 53 **Broad-winged Hawks** seen statewide.

Rails and shorebirds

This year's rarest bird, a **Yellow Rail**, was located in *Westmoreland* by counter Jim Pemberton. This was a first for the PAMC and the appropriate paperwork has been filed with PORC. Five **Sandhill Cranes** were found with 2 in *Sullivan* and *Butler* and one in *Wyoming*. Once again, *Lawrence* and *Crawford*, where Sandhill Cranes are most likely to be found, did not submit reports. Twelve of the 61 **American Coots** were in *York*; 24 **Virginia Rails** included 4 in *Tioga*; 16 **Sora** were tallied with 4 in *Chester*.

Shorebirds seemed higher in number than last year. Two **Red-necked Phalaropes** were a new HC, with one each in *Cumberland* and *York*. Seven **Black-bellied Plovers** were found, with 6 in *Cumberland*. **Killdeer** (677) were located in 44 of the 53 reporting counties. Top count of 41 **Semipalmated Plovers** was submitted in *Cumberland*, contributing to the total of 137. Only 4 **Upland Sandpipers** were located (*Bedford* and *Butler*). A good total of 895 **Least Sandpipers** was made; triple-digit counties were *Cumberland* (176), *Bucks* (160), and *Chester* (100). Only 3 **Pectoral Sandpipers** were found, and just one **Short-billed Dowitcher** was located (*Lebanon*). Sixteen species of shorebirds were found for the count, again with no report from *Erie*.

Gulls and Terns

A whopping 4115 **Laughing Gulls** were found with 4105 in *Bucks* alone! The other 10 were found in *Philadelphia*. **Ring-billed Gulls** followed a not-so-close second with 729. Forty-one **Bonaparte's Gulls** were found in 11 counties. Two **Iceland Gulls** were found in *Bucks*.

Four tern species were found. Two of the 3 **Caspian Terns** were located

in *Lancaster* and the other in *Butler*. Eight out of 13 **Common Terns** were in *Lancaster*. *Butler* had 17 out of 18 **Forster's Terns**; the other was in *Potter*. The only **Black Tern** was located in *Berks*.

Doves through nightjars

Eurasian Collared-Dove was reported only from *Franklin* where 4 were found. **Mourning Doves** were reported in 50 of the 53 reporting counties, led by *Franklin* with 522. **Cuckoo** numbers rebounded a little this year with 96 **Yellow-billed** and 93 **Black-billed**.

Sixteen **Barn Owls** were reported from 4 counties with 10 in *Juniata*. Five of 6 **Northern Saw-whet Owls** were reported in *McKean*. The total of 83 **Barred Owls** was just three shy of the high count. **Great-horned Owls** were only reported from 23 counties and **Eastern Screech-Owls** were only found in 18 counties. Short-eared and Long-eared Owls were missed.

A lone **Chuck-will's-widow** was reported from *Lebanon*. A nice total of 80 **Whip-poor-wills** were reported, with *Center* leading the way with 18. Just 18 **Common Nighthawks** were tallied statewide.

Swifts through swallows

Indiana reported 222 of the 2783 **Chimney Swifts** counted in 48 counties. *Indiana* also had 75 of the 751 **Ruby-throated Hummingbirds** found in 51 of 53 counties.

South-central Pennsylvania had the majority of the 53 **Red-headed Woodpeckers** found this year: *Franklin* reported 12 and *Adams* and *Cumberland* both had 6. *Bucks* led the way with 173 of the 1636 **Red-bellied Woodpeckers**; they were found in 52 of 53 counties reporting. Their range in the state has become widespread over the past 20 years. Birders found 112 **Yellow-bellied Sapsuckers** including 33 in *McKean*. **Pileated Woodpecker** was recorded in 47 of the 53 counties during the count.

Schuylkill and *Indiana* each reported 2 **Olive-sided Flycatchers**. Yellow-bellied Flycatcher was missed entirely. **Eastern Wood-Pewee** was tallied in 47 counties. *McKean* birders found 10 of the 25 **Alder Flycatchers** reported. **Least Flycatchers** were found in 27 counties totaling 154 birds. *Greene* reported a wonderful total of 54 **Acadian Flycatchers** on count day

(357 statewide). **Willow Flycatchers** were found in high numbers; a new high count of 236 individuals was established with 29 in *Chester*. **Eastern Phoebe** was recorded in 49 counties.

Eight of 22 **Philadelphia Vireos** were counted in *Center*. The 561 **Warbling Vireos** was just shy of the high count of 684. *McKean* recorded 61 of the 197 **Blue-headed Vireos** found statewide. *Indiana* had the most **Red-eyed Vireos** with 423; they were recorded in 52 of 53 counties. **Yellow-throated Vireo** was found in 30 counties; **White-eyed Vireo** was found in 26 counties, and **Warbling Vireo** was located in 38 counties.

Fish Crows are now being seen in more areas with 24 counties reporting them; 78 of 382 were reported from *Cumberland*. **Blue Jays** and **American Crows** were recorded in all reporting counties. A total of 150 **Common Ravens** were observed; 22 of these were in *Luzerne*.

Tree Swallows came in at 4608, lower than the count average; they were observed in 50 counties. *Juniata* had the highest number of **Purple Martins** with 196 of 1385. **Barn Swallow** was seen in 51 of 53 counties. *Bucks* had 86 of the 403 **Bank Swallows** observed.

Chickadees through waxwings

Once again the number of "chickadee sp." has risen, to a high this year of 339. Is the hybrid zone expanding, or are observers simply being more careful about making identifications near the hybrid zone? Twelve counties are now reporting hybrids. **Tufted Titmouse** was reported in 52 of 53 counties, 50 counties recorded **White-breasted Nuthatch**, and 17 counties recorded **Red-breasted Nuthatch**. *McKean* recorded 5 of the 35 **Brown Creepers**.

Twenty-eight **Winter Wrens** were located with 8 in *McKean*. *Philadelphia* accounted for 5 out of the 7 **Marsh Wrens** found during the count. The total of 878 **Carolina Wrens** in 43 counties was higher than last year, with 109 in *Juniata*. The count of **House Wrens** was 1129 in 49 counties. That number is lower than the 5 year average, the 10 year average, and the overall average. In *Bucks*, 119 individuals were observed. In other parts of the state where they are usually counted in higher numbers, there were few. Another bird that was

tallied less than average for count was **Ruby-crowned Kinglet**: 18 birds in only 8 counties. Potentially affecting this species' showing was the lateness of the count. *Schuylkill* reported 7 of the 26 **Golden-crowned Kinglets**.

Eastern Bluebird was reported from 51 of 53 counties. One **Gray-cheeked Thrush** was found in each of six counties. **Swainson's Thrush** was below historical averages: 64 were found statewide, with 10 in *Perry*. *McKean* had 33 of the 126 **Hermit Thrushes** for the count. *Berks* led with 273 **Wood Thrushes** of 2811 total. **American Robin** numbers were higher than 2011 with 16,398, only slightly shy of the PAMC high count of 16,848. **American Pipits** were found in nine counties with 82 of the 197 located in *Cumberland*. **Gray Catbird** turned in a new high count of 8526 individuals; 897 were in *Berks*, 704 in *Bucks*, and 610 in *Juniata*.

Warblers

Thirty-five species of warblers were found on the PAMC. Three species set new records. **Blackpoll Warbler** surpassed its old record by 30, with a total of 450 individuals; 69 in *Philadelphia*. **Prothonotary Warbler** bested its high count by 3 with a total of 21. *Lancaster* accounted for 12 of these, more than half the state's total. **Mourning Warbler** had a total of 26, which was six more than the previous high count. Both **Blackpoll** and **Mourning Warblers** are late migrants, so perhaps the late date contributed to higher totals.

Butler held 2 of the 3 **Orange-crowned Warblers** seen. Just 49 **Golden-winged Warblers** were located, with a high of 13 from *Centre*. **Blue-winged Warblers** were tallied in 34 counties with *Greene* finding 26 of the 265. Both "winged-warbler" hybrids were found on count day: 5 **Brewster's Warblers** (one each in *Huntington*, *Indiana*, *Lancaster*, *Lebanon*, and *Schuylkill*), and one **Lawrence's Warbler** (*Dauphin*).

Fifty of the 154 **Tennessee Warblers** came from *Butler*. *Butler* also had 21 of the count's 84 **Nashville Warblers**. The total for **Yellow Warbler** was 2961, in 50 counties. **Yellow-rumped Warbler** seemed low, with only 410 found. Of those, 45 were in *Montour*. *Wayne* counted 83 of the 788 **Chestnut-sided Warblers**, followed closely with 80 from *Centre*. *McKean* led the way with 103 of the

367 **Blackburnian Warblers**, 63 of the 363 **Magnolia Warblers**, 6 of the 41 **Bay-breasted Warblers**, and 78 of the 592 **Black-throated Green Warblers** counted in the state. Healthy Eastern Hemlock forests are probably a reason for high counts. Only 16 **Palm Warblers** were seen. *Greene* tallied 26 of the 118 **Cerulean Warblers** and 9 out of 63 **Kentucky Warblers** for the count. *Westmoreland* accounted for 115 of the 1354 **American Redstarts**. *Indiana* held 94 of the 587 **Hooded Warblers** and 297 of the 2873 **Common Yellowthroats** found. *Schuylkill* had 307 out of the 3166 **Ovenbirds** counted in 48 counties. *Lancaster* had 16 of the 99 **Yellow-breasted Chats** in the count.

The weather actually seemed to help in the warbler count. The temperatures were cool, and the low cloud cover and drizzle/rain helped to keep the warbler flocks low, alleviating some of the “warbler neck” usually associated with the PAMC.

Sparrows through cardinals

Eastern Towhee was located in 51 of 53 counties with *Indiana* reporting 352. Indicative of its status as one of the state’s rarest breeders, just three **Clay-colored Sparrows** were found, one in *Franklin* and 2 in *Clarion*. Nineteen of just 50 **Henslow’s Sparrows** were found in *Clarion*. **Field Sparrow** was recorded in 47 counties. Sixteen of 41 **Vesper Sparrows** were located in *Franklin*. Thirty-seven of 192 **White-crowned Sparrows** were tallied in *Juniata*, and 28 of 166 **White-throated Sparrows** were tallied in *Franklin*. Twelve late **Fox Sparrows** made a new HC. **Song Sparrow** was recorded, as expected, in all counties. **Lincoln’s Sparrow** was seen in 11 counties. Three **Dickcissels** were reported on count day, one each in *Cameron*, *Chester*, and *Lancaster*.

For the first time, a **Summer Tanager** was found on count day (*Bucks*). *Indiana* had 155 of 1463 **Scarlet Tanagers**, along with 117 of 960 **Rose-breasted Grosbeaks**. Six of 23 **Blue Grosbeaks** were found in *Bucks*. **Northern Cardinal** was reported in 52 of 53 counties. **Indigo Bunting** was reported from 50 counties with *Juniata* tallying 237 of the 1943 found.

Blackbirds through finches

A total of 741 **Bobolinks** were

reported, with 105 in *Wyoming*, followed by 74 in *Bucks*. Just 23 **Rusty Blackbirds**, a bird of concern, were reported in four counties. **Red-winged Blackbirds** were seen in 52 counties. **Common Grackles** and **Brown-headed Cowbirds** were reported from 51 counties. **Orchard Orioles** were reported from 35 counties with *Bucks* birders finding 52 of the 464 seen. **Baltimore Orioles** were found in 51 of counties with 3201 reported.

Pine Siskins were reported in 16 counties. A very late **Common Redpoll** was found in *Butler*. Eight **Evening Grosbeaks** were reported, 3 in *Allegheny* and 5 in *Butler*. **House Finches** were reported in 49 counties, **Purple Finches** were seen in 26 counties, and **American Goldfinches** were located in all 53 reporting counties. Both American Goldfinch and Purple Finch numbers remain below the count average. There were 222 Purple Finches seen with 41 in *Indiana*, and 4015 American Goldfinches were seen with 353 in *Franklin*.

The PAMC Future

Thanks to all observers and county compilers! Much effort was made this year to encourage more birders in more counties participate in the count. The Pennsylvania Migration Count is still alive and worthwhile! This year the numbers of participants were up 255 observers. This in turn increased the birding time afield by almost 700 hours. This, in a large part, helped to increase the total number of birds observed by over 101,000 individual birds and up the species number by 21 species! Birders in Pennsylvania responded to the call to take up binoculars and responded with vigor... the effort was outstanding.

Now, about the 14 counties not represented. We can do better. We have done a great job and maybe it is unfair to ask more of the birding community in the state—but I am asking anyway! We improved the number of participating counties in 2011 by 15. Surely we can add those last 14. Our goal as always is to have 100% county participation. All it takes is one or 2 birders to represent the county.

With that being said, 2012 looks to be a year to continue what we restarted. Make no other plans for PAMC weekend; circle May 12th, 2012, on your calendars now! Start to round up birding crews. Let’s start the 3rd

decade of PAMC the right way. Make it what it is: a celebration of migration. Everyone—new and old birders alike—let’s have a stupendous celebration for next year’s PAMC!

Summary

Looking at this report, with 53 of 67 counties reporting and knowing that most of the non-represented counties have a solid birding community, we are still hoping for more participation from birders and bird clubs in the future. It was stated last year: Pennsylvania is one of the few states that have sustained this count, formerly the NAMC, over the years. We have almost two decades of data that can be used to locally map environmental changes in species and in migration. We should make an effort to increase participation.

The information in this write-up is only a summary and interpretation. The complete data can be found at <www.pabirds.org>. Please log on and check it out. There may be something that interests you not covered here.

Thanks go out to all the participants this year that braved a sometimes wet and mostly dreary day to collect data. A very sincere thank you goes out to all of you that participated in the PAMC this year for the first time or once again after an absence. We look forward to seeing all of you collecting more data next year!

Please note that the 2012 count will take place on MAY 12, 2011! Mark your calendars now!

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Editor’s Note: Readers are reminded that the complete PAMC 2011 results by species for all counties can be found on the PSO website, <www.pabirds.org>.

PAMC May 14, 2011

Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
Snow Goose					5			3						
Canada Goose	16	110	8	66	338		139	674	79	2	11	15	116	204
Mute Swan	1				11			13						
Tundra Swan														
Wood Duck	1	31		17	19		20	69	12		9		34	66
Gadwall	2								2					
American Wigeon		33												
American Black Duck				1				3						3
Mallard	10	24		66	132		18	253	10	1	1	9	102	46
Blue-winged Teal				2										1
Northern Shoveler														
Northern Pintail														
Green-winged Teal														
Canvasback														
Ring-necked Duck	1				3				5				2	
Greater Scaup				2										
Lesser Scaup									2					
Bufflehead									7					1
Common Goldeneye														
Hooded Merganser				1			2		4				1	
Common Merganser			2				25	22	2		13		1	
Red-breasted Merganser		4							3					
Ruddy Duck				2	8			5	5				1	
Northern Bobwhite														1
Ring-necked Pheasant	1			2	2		2		2	1				
Ruffed Grouse				4	2	1	10		1	1	3		14	
Wild Turkey		24		17	27	2	11	4	17	1		2	16	2
Red-throated Loon														
Common Loon					6			5	3	5	1		4	3
Pied-billed Grebe		1		1				4	2					6
Horned Grebe									1					
Double-crested Cormorant		4	1	6	22			177	5	11			13	4
American Bittern				2										
Least Bittern														
Great Blue Heron	5	30	1	24	25		9	64	15	2	5		10	26
Great Egret				1				8						1
Snowy Egret				1										
Little Blue Heron								1						
Green Heron	2	11			12		8	25	5	2	1		9	5
Black-crowned Night-Heron					5			2						

PAMC May 14, 2011

Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
Yellow-crowned Night-Heron														
Black Vulture	7			2	52			47						62
Turkey Vulture	17	42	3	50	70	1	56	212	39	4	13	3	20	60
Osprey				2			1	15	12					2
Bald Eagle	1			2	3		7	9	2		2		9	2
Northern Harrier	1				2		1		1				1	
Sharp-shinned Hawk	1	6		5	5	2	1	1	2					1
Cooper's Hawk	1	8		1	3	2		10	1				3	
Northern Goshawk														
Accipiter, sp.														
Red-shouldered Hawk	3	2		2	1			2	4					
Broad-winged Hawk	2	4		1	1		2		1	1	1		1	
Red-tailed Hawk	3	17		13	32		15	31	5	3	1		8	12
Buteo, sp.					1									
American Kestrel	2	2		6	6		4	3	3	2				1
Merlin								1						
Peregrine Falcon		1			2			3						
Virginia Rail								1	1	3				2
Sora				3					1				1	4
Common Moorhen	1	1						2	2					
American Coot	1			10	2				4				2	2
Sandhill Crane									2					
Black-bellied Plover														
Semipalmated Plover				2	7			23					9	7
Killdeer	4	15		49	19		11	16	19	7	2		21	8
Spotted Sandpiper	3	8		9	18		5	47	3	2	1		11	14
Solitary Sandpiper	2	13		1	5		1	25	2		2		11	25
Greater Yellowlegs				10	3			11						5
Lesser Yellowlegs		1		2	7			33					3	12
Upland Sandpiper				2					2					
Semipalmated Sandpiper					1			6						1
Least Sandpiper					51			160					56	100
Peep, sp.								5						
Pectoral Sandpiper														
Dunlin				2				2						
Short-billed Dowitcher														
Wilson's Snipe	5			2					1					
American Woodcock				7			2		1		1		13	
Bonaparte's Gull				1				21	7				1	
Laughing Gull								4105						

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Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
Ring-billed Gull		10		2	9		7	89	29				8	
Herring Gull		4						66	1					
Lesser Black-backed Gull								8						
Great Black-backed Gull								54						
Caspian Tern									1					
Black Tern					1									
Common Tern									2					
Forster's Tern									17					
Tern, sp.														
Rock Pigeon	22	82		83	150		68	31	89	9	5		63	23
Mourning Dove	40	62	3	163	268	3	62	183	66	52	7		108	83
Yellow-billed Cuckoo	1	1		3	6		2	10	2				4	1
Black-billed Cuckoo		7		4		1	1	4	8		2		3	
Barn Owl														
Eastern Screech-Owl		1			8			7	1		2		1	9
Great Horned Owl		1		3	3			4	2					1
Barred Owl	2				4		1		1		1		4	4
Northern Saw-whet Owl														
Common Nighthawk				1							1			
Eastern Whip-poor-will				6							1		18	
Chimney Swift	3	47		66	167	1	17	167	33	40	20		39	122
Ruby-throated Hummingbird	13	12	6	55	17		17	19	6	39	5	2	42	7
Belted Kingfisher	3	8	1	9	8		6	9	3	1	3		13	6
Red-headed Woodpecker	6			4	3			1	2		1		1	
Red-bellied Woodpecker	23	75	3	46	104	1	13	173	6	7	2	6	52	56
Yellow-bellied Sapsucker				2			13		2		4			
Downy Woodpecker	4	40	3	42	57		13	44	10	10	1	13	39	16
Hairy Woodpecker	4	14		18	12	1	6	20	3	3		8	8	2
Northern Flicker	13	41		27	42	1	21	58	6	6	6		42	16
Pileated Woodpecker	7	18	1	15	19	3	5	12	2	4	2		24	5
Olive-sided Flycatcher											1			1
Eastern Wood-Pewee	8	12	4	11	14	5	2	17	4		2		9	26
Acadian Flycatcher	2	4	2	1	12	3	1	5	1		1		2	13
Alder Flycatcher					1				4				2	
Willow Flycatcher	6	7		4	3		1	26	14				16	29
Least Flycatcher		11				2	1		3	2	5		7	
Empidonax, sp.								1						
Eastern Phoebe	5	20	3	24	33	3	13	42	8	2	1		31	25
Great Crested Flycatcher	10	3	1	7	49	5	3	76	5		2		25	22
Eastern Kingbird	7	13	2	7	34		3	66	14	2	3		13	35

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Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
White-eyed Vireo	3	12		2	13			15	3		1		1	16
Yellow-throated Vireo	2	8		2	10	6	1	3	7					10
Blue-headed Vireo			1	1		3	2		6	3	1		3	1
Warbling Vireo	6	22		1	18		6	102	10		4			30
Philadelphia Vireo		4											8	
Red-eyed Vireo	20	96	5	14	281	29	17	102	22	34	13		176	72
Blue Jay	32	89	6	93	212	4	42	200	16	32	9	9	142	92
American Crow	33	104	5	146	235	7	120	201	49	61	10	15	349	154
Fish Crow	1				49			41					16	18
Crow, sp.					26			22						6
Common Raven	2		3	11	2	1	1	1	1	2	3		14	
Horned Lark					2		2		4				10	1
Purple Martin	28			54	101		2	3	111	18			6	2
Tree Swallow	16	42	4	95	186		101	407	79	33	16		147	252
Northern Rough-winged Swallow		21	7	7	107		10	200	17	7	16		4	52
Bank Swallow	12			7	2		20	86	2					18
Cliff Swallow				9	36		25	74	238	28	14		28	
Barn Swallow	90	37	5	139	343	3	34	273	98	34	12		350	193
Swallow, sp.					1									
Carolina Chickadee	12	42		1	32			88						49
Black-capped Chickadee		19	7	53	9	4	44		8	13	2	22	95	
Chickadee, sp.		23			89			29						
Tufted Titmouse	29	81	2	49	115	1	27	116	12	4	3	14	91	56
Red-breasted Nuthatch				3	2		1		2				3	
White-breasted Nuthatch	5	13	3	24	20	2	11	26	8	4	4	8	30	13
Brown Creeper		1		1	2								1	
Carolina Wren	15	33	3	12	65		4	67	2		1	5	23	27
House Wren	13	27	1	16	68		11	119	10	3	1	6	22	40
Winter Wren					1								1	
Marsh Wren														2
Golden-crowned Kinglet				1										
Ruby-crowned Kinglet		4		1					1				4	
Blue-gray Gnatcatcher	11	7	1	6	77	4		107	8		5		25	40
Eastern Bluebird	16	36	10	72	70	2	11	61	10	16	3		32	53
Veery		4	1	1	75		6	30	2	3	4		2	48
Gray-cheeked Thrush		1												
Swainson's Thrush					2	2		2					3	
Hermit Thrush		6		3	5		4	1		2	1		1	
Wood Thrush	19	55	8	20	273	9	18	153	18	7	6		74	67

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Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
American Robin	73	381	14	335	783	4	245	915	169	211	22	26	530	291
Gray Catbird	44	54	12	47	897	1	126	704	38	10	7	19	351	294
Northern Mockingbird	7	26		29	64			87	3	1			8	28
Brown Thrasher	5	9	1	30	13	1	10	3	4	5			23	12
European Starling	74	83		514	588	4	90	431	158	88	9	14	265	223
American Pipit					42			1					7	
Cedar Waxwing	6	13	7	12	9			166	44		4		23	66
Blue-winged Warbler		2			12		5	10	8				1	8
Golden-winged Warbler				6									13	
Brewster's Warbler														
Lawrence's Warbler														
Tennessee Warbler					2	6			50		4		4	
Orange-crowned Warbler							1		2					
Nashville Warbler	1	1			1				21				3	
Northern Parula	1	1	3	3	18			37	1		3		8	16
Yellow Warbler	17	46	8	46	66		99	302	67	10	11		116	109
Chestnut-sided Warbler	2	5	1	6	27	1	39		16	3	3		80	8
Magnolia Warbler	3	5		1	4	12	5	1	9	1	5		22	
Cape May Warbler			1		1								1	
Black-throated Blue Warbler		4		2	7	1	3	6		3	9		9	4
Yellow-rumped Warbler		24		4	10	1	2	24	13	2	8		10	11
Black-throated Green Warbler	3	2		6	14	11	12	1	9	2	5		26	5
Blackburnian Warbler	1	1		1	1				8	2	7		33	
Yellow-throated Warbler		6		15				2	2				1	
Pine Warbler					3			5	1		2		4	1
Prairie Warbler		7			8		1	24	2				7	6
Palm Warbler		5		2					1		1			
Bay-breasted Warbler	1	2		1				1	5				1	
Blackpoll Warbler	2	5			20			30	2				22	8
Cerulean Warbler		4		2	1	4		1	2				1	1
Black-and-white Warbler	1	12	1	4	52	1	1	17	4		7		28	5
American Redstart	12	15		13	94	20	10	14	19	4	13		74	20
Prothonotary Warbler									1					1
Worm-eating Warbler		2		4	7	5			1		2		2	
Ovenbird	5			32	293	7	72	89	9	7	13		93	55
Northern Waterthrush	3	1		3	5		1	6	1				1	
Louisiana Waterthrush	4	5		1	20	2		1	2				7	6
Kentucky Warbler		5			3				13				2	
Mourning Warbler		1							1				3	
Common Yellowthroat	11	11	2	38	197	2	56	166	27	13	12		115	117

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Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
Hooded Warbler	1	16	4	10	40	7			18	1			19	
Wilson's Warbler		2		1	1				1		1		1	
Canada Warbler	2			1	5	2	3	2		1	5		4	4
Yellow-breasted Chat		2		2	1			5	3					
Eastern Towhee	12	72	6	61	161	20	26	117	22	11	7		158	63
American Tree Sparrow				4			3						4	
Chipping Sparrow	24	32	10	60	161	2	30	99	78	40	13		111	37
Clay-colored Sparrow														
Field Sparrow	13	19		24	37	3	16	42	8	9	1		27	22
Vesper Sparrow									1					
Savannah Sparrow		3		2	3		2	45	10				8	2
Grasshopper Sparrow		5		7	2				2	3			1	6
Henslow's Sparrow									2					
Fox Sparrow				2			1							
Song Sparrow	15	85	5	40	194	1	50	196	26	6	8	3	175	91
Lincoln's Sparrow		1			1								1	
Swamp Sparrow		2		5	2		8	1	14	1			17	5
White-throated Sparrow	1	2		7	7		4	4	12		1		1	2
White-crowned Sparrow		2		20	7		2	2	1				10	
Dark-eyed Junco		2		5			26		2		6		1	
Summer Tanager								1						
Scarlet Tanager	11	47	1	26	92	15	8	38	10	6	6		70	25
Northern Cardinal	29	163	18	99	235	6	64	228	38	25	5	6	156	125
Rose-breasted Grosbeak	2	34		24	34	3	35	20	10	20	6	12	44	
Blue Grosbeak								6						2
Indigo Bunting	16	25	2	42	91	7	6	71	10	1	5		47	39
Bobolink	7			4	9		37	74	34	3	4		13	18
Red-winged Blackbird	53	295	7	215	366		260	544	222	124	20	21	349	343
Eastern Meadowlark	4	2	2	19	9		4	5	26	2			14	8
Rusty Blackbird				9					8					
Blackbird, sp.														
Common Grackle	42	59	14	223	498	6	186	307	88	85	8		413	84
Brown-headed Cowbird	48	18		54	112	2	30	216	29	16	3		51	51
Orchard Oriole	3	24		5	15		1	52	6				3	26
Baltimore Oriole	13	43	5	39	173	3	94	259	19	8	12		98	70
Purple Finch				31	4		10		5	3				
House Finch	27	17	5	40	132		20	65	26	13	1		25	37
Common Redpoll									1					
Pine Siskin	1			4	2		1		4				4	
American Goldfinch	39	142	12	114	259	6	96	188	38	28	13	14	171	111

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Species	ADAMS	ALLEGHENY	ARMSTRONG	BEDFORD	BERKS	BLAIR	BRADFORD	BUCKS	BUTLER	CAMBRIA	CAMERON	CARBON	CENTRE	CHESTER
Evening Grosbeak		3							5					
House Sparrow	7	49	7	92	213		35	144	78	49	4		112	18
Other Species:														
White-winged Scoter					4		4						27	
Yellow Rail														
Chuck-will's Widow														
Scaup sp.														
Yellowlegs sp.														
Eurasian Collared Dove														
Dickcissel											1			1
Red-necked Phalarope														
Iceland Gull								2						
Long-tailed Duck														
Total Species (not counting "sp."):	107	128	57	152	151	62	115	144	166	84	101	23	149	124
Total Birds:	1283	3576	264	4294	10593	280	2986	15621	2956	1346	551	252	6757	4988
Total Participants:	13	30	2	34	49	2	22	62	9	15	5	2	39	48
Total Parties:	8	14	2	27	31	1	11	19	4	12	1	1	27	12
Start Time:	07:30 AM	04:00 AM	07:45 AM	07:30 AM	05:00 AM	05:30 AM	04:15 AM	04:00 AM	05:00 AM	06:00 AM	04:30 AM	07:30 AM	05:00 AM	06:00 AM
Stop Time:	05:00 PM	08:30 PM	06:00 PM	09:00 PM	07:00 PM	02:30 PM	05:00 PM	07:30 PM	05:00 PM	08:00 PM	08:30 PM	07:00 PM	06:00 PM	04:00 PM
Party Hours on Foot:	14.5	110	5	11	106	7.5	29.25	60.05	5	13	55	3	98.25	50.9
Party Hours by Car:	10	10.5	2	16	41.5	0	28	102.5	7	3	7	1	21.5	56.5
Party Hours by Other:	0	2	4.75	0	13.75	0	13.5	0	0	0	0	0	0	0
Total Party Hours:	24.5	122.5	11.75	27	161.25	7.5	70.75	162.55	12	16	62	4	119.75	107.4
Party Miles on foot:	5	102	4	13.4	84.5	8	17.15	71.25	5	6	30	2	60.45	27.5
Party Miles by car:	79	57	42	104	442.5	0	277.5	296.6	49	50	70	12	148.5	78.2
Party Miles by other:	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Party Miles:	84	159	46	117.4	527	8	294.65	367.85	54	56	100	14	208.95	105.7

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Species	CLARION	CLEARFIELD	CLINTON	CUMBERLAND	DAUPHIN	DELAWARE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
Ring-billed Gull			7	102	23			5				1	175	
Herring Gull				1										
Lesser Black-backed Gull														
Great Black-backed Gull														
Caspian Tern													2	
Black Tern														
Common Tern													8	
Forster's Tern														
Tern, sp.														
Rock Pigeon	6	50	15	164	29	6	1	377	22	95	26	390	86	34
Mourning Dove	24	94	36	182	137	5	27	522	170	53	284	164	94	69
Yellow-billed Cuckoo	2			2	1		1	5	5	2	8	9	4	1
Black-billed Cuckoo	2			1				2	1		18			5
Barn Owl				2				3				10		1
Eastern Screech-Owl				1		1		2				9	2	2
Great Horned Owl		1						3	2	1		1	2	1
Barred Owl				3				15	4	2	4	6	1	1
Northern Saw-whet Owl														
Common Nighthawk				1		2				2	1	1		
Eastern Whip-poor-will			1				1	4		13	7	3		1
Chimney Swift	47	143	30	94	53	27	6	199	82	31	222	194	56	16
Ruby-throated Hummingbird	3	12	19	14	5	3	8	31	24	11	75	36	13	13
Belted Kingfisher	1			11	2		1	5	6	3	3	14	3	3
Red-headed Woodpecker		2		6	2			12		2		1		4
Red-bellied Woodpecker	2	2	18	72	38	6	4	119	52	29	69	120	61	24
Yellow-bellied Sapsucker							2							
Downy Woodpecker		4	11	37	20	2	3	58	23	7	43	41	21	16
Hairy Woodpecker	1	2	3	5	3			9	7	3	11	12	10	6
Northern Flicker	6	16	7	21	20	3	8	55	35	25	73	68	30	20
Pileated Woodpecker	5	3	8	11	3	3	2	18	21	6	28	32	10	9
Olive-sided Flycatcher											2	1		
Eastern Wood-Pewee	10	2	4	34	2	1	1	47	45	11	19	42	23	11
Acadian Flycatcher	7		1	9		11	1	41	54	13	45	34	22	1
Alder Flycatcher					1						1			2
Willow Flycatcher	1	2	1	12	1			2	13	5	22	3	3	13
Least Flycatcher	3	2		2				9		1	7	4		3
Empidonax, sp.											2			5
Eastern Phoebe	6	4	5	27	20		3	65	44	21	54	45	24	30
Great Crested Flycatcher		8	2	47	12	5		66	11	21	19	115	47	34
Eastern Kingbird			1	39	12	5	1	50	19	5	16	54	37	21

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Species	CLARION	CLEARFIELD	CLINTON	CUMBERLAND	DAUPHIN	DELAWARE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
White-eyed Vireo				11	2	4		6	23	2	7		24	11
Yellow-throated Vireo				5				4	21	12	18	24	9	6
Blue-headed Vireo	15	6		1	2		4	3	1	4	21	1	2	
Warbling Vireo			1	16	16	12		9	27	7	2	79	34	4
Philadelphia Vireo									2					
Red-eyed Vireo	64	20	15	188	46	17	24	334	155	140	423	242	141	76
Blue Jay	16	53	25	103	82	6	20	178	107	32	253	165	130	45
American Crow	36	112	70	118	120	10	26	233	172	88	345	304	184	72
Fish Crow				78	3			45		1	2	13	37	18
Crow, sp.					5			20		8			8	
Common Raven		2		2	1			11	7	2	3	20		1
Horned Lark		1		21	1			91		3	3	51	6	2
Purple Martin		2	50	159				80	137	20	12	196	41	52
Tree Swallow	18	64	19	114	114	25	14	193	44	36	99	197	206	152
Northern Rough-winged Swallow	1	52		59	42	7	1	34	17	14	57	93	50	51
Bank Swallow		2		20	16	4	3	16			1	5	29	
Cliff Swallow		4	49	3			7			16	3	4	5	
Barn Swallow	21	41	26	418	35	8	18	568	317	93	365	351	181	56
Swallow, sp.														
Carolina Chickadee				22		12		20	42			3	59	17
Black-capped Chickadee	19	19	28	8	17		5	49		27	157	25		8
Chickadee, sp.				32	33			17					15	13
Tufted Titmouse	10	15	25	110	41	9	7	163	68	54	126	185	96	20
Red-breasted Nuthatch	1									5	2			2
White-breasted Nuthatch	3	2	9	19	14	2	1	34	27	11	45	45	9	10
Brown Creeper	1			1				4		1	1			2
Carolina Wren	1	2	13	60	21	3		66	11	17	11	109	55	19
House Wren	8	9	15	64	19	7	1	74	24	14	57	42	41	27
Winter Wren	3													1
Marsh Wren														
Golden-crowned Kinglet	1									4	1			
Ruby-crowned Kinglet				3				1				1		3
Blue-gray Gnatcatcher	1	1	1	54	4	11	2	40	15	21	38	51	67	19
Eastern Bluebird	1	7	6	52	48	41	2	175	81	21	59	74	59	55
Veery		2		5	7	3	2	4	1	3		2	32	7
Gray-cheeked Thrush								1						
Swainson's Thrush	3			3	1	1					1		1	1
Hermit Thrush	3		3	2	1		1	1		2	4	1		2
Wood Thrush	29	8	20	120	47	15	7	150	119	80	243	206	124	89

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Species	CLARION	CLEARFIELD	CLINTON	CUMBERLAND	DAUPHIN	DELAWARE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
American Robin	172	148	223	578	330	48	46	1181	708	244	1367	551	386	286
Gray Catbird	21	21	89	545	249	41	16	464	90	89	300	610	484	281
Northern Mockingbird			4	35	40	3		162	55	10	10	49	16	2
Brown Thrasher	4	6	3	21	7		1	54	39	19	31	46	12	12
European Starling	117	72	66	859	287	28	50	1180	325	231	723	521	205	424
American Pipit				82				5				25		
Cedar Waxwing		24	32	136	25	95		56	8	42	140	68	172	8
Blue-winged Warbler	2			18	4	1	1	5	26	7	16	6	11	15
Golden-winged Warbler				1				2		11	1	11		
Brewster's Warbler										1	1		1	1
Lawrence's Warbler					1									
Tennessee Warbler	21	1	1	1			2	2	2		14	4	1	1
Orange-crowned Warbler														
Nashville Warbler		4		2				5		5	3	1	3	1
Northern Parula	2	1	4	10		3	1	3	12	18	6	12	34	12
Yellow Warbler	32	27	29	90	51	5	16	90	138	42	182	95	63	43
Chestnut-sided Warbler	10	18	7	5	2		20	9	1	6	50	7	5	8
Magnolia Warbler	18	3	2	20	4		5	19	7	9	21	14	3	5
Cape May Warbler				1	1			1			2			
Black-throated Blue Warbler	6	5		11		3		10		2		9	4	6
Yellow-rumped Warbler	6	4	2	28	4	1	1	7	3	3	29	28	9	6
Black-throated Green Warbler	32	11	1	20			3	60	1	20	60	8	6	16
Blackburnian Warbler	26	6		13	2		4	2	1	29	12	20		7
Yellow-throated Warbler								1	8		1		4	
Pine Warbler		3		1	2			12		4	1		1	
Prairie Warbler	3			10	4	1		8	5	5	9	27	30	10
Palm Warbler				1	1			2						2
Bay-breasted Warbler	2	2		4					2	1	2	1		3
Blackpoll Warbler	3	4	4	37	11	11		7	2	1	9	48	22	8
Cerulean Warbler	9			6				21	26		8	8	1	3
Black-and-white Warbler	8	1	2	23	5	1		107	7	1	24	12	7	34
American Redstart	21	7	13	43	31	6	3	39	88	16	89	92	11	13
Prothonotary Warbler													12	1
Worm-eating Warbler	2			9				6		8	1	24	16	5
Ovenbird	29	32	13	89	52	1	10	214	39	178	281	194	82	143
Northern Waterthrush	1			6	4	1		7				15	3	3
Louisiana Waterthrush				9				10	15	14	4	52	24	10
Kentucky Warbler	1			1				1	9		7		6	
Mourning Warbler							1	1		2		1	1	

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Species	CLARION	CLEARFIELD	CLINTON	CUMBERLAND	DAUPHIN	DELAWARE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
Common Yellowthroat	32	24	23	80	35	10	19	56	171	80	297	143	62	54
Hooded Warbler	16	7	5	45	7		5	17	31	14	94	32	1	10
Wilson's Warbler				3	3			3			1	1	1	3
Canada Warbler				10	2	2	1	4		4		6	5	7
Yellow-breasted Chat	1			9	3			8	16	6	7	4	16	3
Eastern Towhee	28	32	26	91	24	1	14	122	194	98	352	129	63	46
American Tree Sparrow		3						2						2
Chipping Sparrow	30	45	25	137	51	14	9	266	117	86	303	213	89	42
Clay-colored Sparrow	2							1						
Field Sparrow	9	10	3	38	16	3	3	66	66	27	65	86	27	20
Vesper Sparrow				6				16		1		2	2	
Savannah Sparrow	8	6	1	8			2	10	7	3	3	1	3	2
Grasshopper Sparrow	6	4		17	1			22	4	4	1	6	4	9
Henslow's Sparrow	19	4									12			
Fox Sparrow								2						2
Song Sparrow	24	35	44	121	85	20	21	178	172	79	287	341	119	28
Lincoln's Sparrow								3		1				1
Swamp Sparrow	6		1	1			2	2		2	4		5	
White-throated Sparrow			2	6	7			28			6	4	5	10
White-crowned Sparrow		2	1	4	7			17	11	7	13	37		2
Dark-eyed Junco	11		1	3			3			2	7	2		2
Summer Tanager														
Scarlet Tanager	23	9	22	82	21	6	10	118	72	45	155	82	32	28
Northern Cardinal	19	24	57	193	95	26	9	345	239	54	302	296	183	89
Rose-breasted Grosbeak	16	14	19		9	2	22	8	66	8	117	28	13	7
Blue Grosbeak				10		1							2	
Indigo Bunting	14	17	7	94	35	15	26	122	82	53	159	237	182	50
Bobolink	30	3		24	7		6	32	25	4	10	2	20	12
Red-winged Blackbird	113	174	50	553	266	9	62	431	516	174	953	415	305	114
Eastern Meadowlark	13	4	2	46	9		1	73	54	18	41	24	5	16
Rusty Blackbird		5												
Blackbird, sp.					1									
Common Grackle	39	72	138	708	240	12	36	909	176	161	628	1141	409	130
Brown-headed Cowbird	1	15	14	44	45	11	20	190	92	16	102	181	153	30
Orchard Oriole	3		1	15	4	4		23	50	2	29	32	25	10
Baltimore Oriole	13	25	15	65	55	15	14	206	83	36	167	373	123	30
Purple Finch	3	5					1	16	3		41	1		
House Finch	1	5	13	45	67	20	2	164	56	4	58	64	51	29
Common Redpoll														
Pine Siskin		4						3		1	1	3		

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Species	CLARION	CLEARFIELD	CLINTON	CUMBERLAND	DAUPHIN	DELAWARE	FOREST	FRANKLIN	GREENE	HUNTINGDON	INDIANA	JUNIATA	LANCASTER	LEBANON
American Goldfinch	12	23	25	143	102	11	26	353	114	47	224	234	201	75
Evening Grosbeak														
House Sparrow	5	43	35	105	116	10	8	477	204	75	268	386	140	16
Other Species:														
White-winged Scoter		1			22							3		
Yellow Rail														
Chuck-will's Widow														1
Scaup sp.					8									
Yellowlegs sp.					2									
Eurasian Collared Dove								4						
Dickcissel													1	
Red-necked Phalarope				1										
Iceland Gull														
Long-tailed Duck														
Total Species (not counting "sp."):	98	110	97	167	128	75	92	158	112	133	141	147	144	152
Total Birds:	1478	2051	1716	9192	4263	750	781	13333	6906	3426	12122	11767	7749	4129
Total Participants:	3	7	11	22	21	10	2	66	37	7	59	36	41	14
Total Parties:	2	5	6	14	11	8	1	40	23	6	42	9	15	9
Start Time:	05:45 AM	05:00 AM	05:15 AM	05:00 AM	06:30 AM	07:30 AM	06:00 AM	04:30 AM	06:20 AM	06:00 AM	06:00 AM	04:30 AM	05:30 AM	04:15 AM
Stop Time:	08:30 PM	07:00 PM	06:00 PM	06:00 PM	07:00 PM	12:30 PM	10:15 PM	02:35 PM	12:00 AM	10:30 PM	10:45 PM	07:30 PM	05:30 PM	08:00 PM
Party Hours on Foot:	0.75	8	16	55	38	13	1.25	64.5	9.75	19	70.5	32	94.5	45
Party Hours by Car:	14.75	9.5	11	45	16.16	0	13.5	94.5	44	23.5	74.5	29	10.25	20.5
Party Hours by Other:	0	16	1.5	0	17.6	0	0	53.25	34.5	0	106.5	17.5	6	0
Total Party Hours:	15.5	33.5	28.5	100	71.76	13	14.75	212.25	88.25	42.5	251.5	78.5	110.75	65.5
Party Miles on foot:	2.25	6	7.75	48	22.75	0	2	53.25	5.5	21.5	36.15	18.75	63.25	41.75
Party Miles by car:	185	90	67	397	209	0	165	628	444	214	828.7	126	159.6	207.5
Party Miles by other:	0	20	0	0	102.5	0	0	0	2	0	0	22	3	0
Total Party Miles:	187.25	116	74.75	445	334.25	0	167	681.25	451.5	235.5	864.85	166.75	225.85	249.25

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
Snow Goose	6								2	7				
Canada Goose	45	191	30	37	60		5	158	35	158	8	191	42	157
Mute Swan	1			1				2		7		21		
Tundra Swan														
Wood Duck		40	3	17	2	3		9	2	15	5	47	21	7
Gadwall													1	
American Wigeon				19					8				9	63
American Black Duck										1				
Mallard	40	75	21		10	3	2	52		103	4	155		
Blue-winged Teal														
Northern Shoveler														
Northern Pintail										1				
Green-winged Teal														
Canvasback										1				
Ring-necked Duck		1												
Greater Scaup														
Lesser Scaup												1		
Bufflehead														
Common Goldeneye										2				
Hooded Merganser		4								2	13			
Common Merganser		27	5	4					1	26	4	1	27	6
Red-breasted Merganser		1												
Ruddy Duck														
Northern Bobwhite														
Ring-necked Pheasant									1		1	1		3
Ruffed Grouse		5	1	2		1			1				2	13
Wild Turkey	2	24	7	5			1	8	6	7		2	3	11
Red-throated Loon														
Common Loon		24		1										2
Pied-billed Grebe													3	
Horned Grebe														
Double-crested Cormorant	2	7						5		46	1	14		1
American Bittern														
Least Bittern														
Great Blue Heron		10	2	11	1	1		9		10	1	13	4	10
Great Egret										1	3	16		
Snowy Egret	1													
Little Blue Heron														
Green Heron	2	6	3	2				5	1	3	1	8	1	6
Black-crowned Night-Heron							1				1	2		2

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
Yellow-crowned Night-Heron														
Black Vulture	32	1				1		11		3	1	3		2
Turkey Vulture	12	59	6	18	12	45	5	15	4	27	19	1	5	14
Osprey	1	1		4	4				1	9	1	5		2
Bald Eagle		4	4	3				1		3	1	3	1	2
Northern Harrier		3												
Sharp-shinned Hawk	1	1	1				1	2						3
Cooper's Hawk		4			1			1						2
Northern Goshawk	1													
Accipiter, sp.														
Red-shouldered Hawk		2			3					1				
Broad-winged Hawk		7	11	1										
Red-tailed Hawk	3	14	3	3	1	3	1	12	2	16		5	2	8
Buteo, sp.														
American Kestrel			11	5		2		6	2	7		1	1	4
Merlin		1		3										
Peregrine Falcon		5							3	1				
Virginia Rail		3		1						1				
Sora				3									1	
Common Moorhen														
American Coot									1			1		
Sandhill Crane														
Black-bellied Plover														
Semipalmated Plover	4	6								8		1		
Killdeer	9	15	5	7	4	14			8	13	1	3	5	18
Spotted Sandpiper	5	4		4		2		8	2	9		10	7	19
Solitary Sandpiper	3	12		1		2		1		9	1	7	2	1
Greater Yellowlegs	1	2										1		
Lesser Yellowlegs	2	8		1		1				5			6	
Upland Sandpiper														
Semipalmated Sandpiper												3		1
Least Sandpiper	18	40								27	4	66	7	
Peep, sp.														
Pectoral Sandpiper														
Dunlin		1										1		
Short-billed Dowitcher														
Wilson's Snipe				2								1		
American Woodcock		5		4	1									
Bonaparte's Gull				1										
Laughing Gull												10		

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
Ring-billed Gull				5				3	12	152	2	77		
Herring Gull														
Lesser Black-backed Gull														
Great Black-backed Gull												4		
Caspian Tern														
Black Tern														
Common Tern											3			
Forster's Tern													1	
Tern, sp.														
Rock Pigeon	41	90	35	13	3	108		9	5	42	16	42	32	141
Mourning Dove	30	92	39	50	6	23	2	122	3	126	3	60	45	179
Yellow-billed Cuckoo				1			5			1		1		1
Black-billed Cuckoo			1	1	1		10				1			
Barn Owl														
Eastern Screech-Owl		2		4						2		4		8
Great Horned Owl	1	1	2	2		1		2		2				1
Barred Owl		6	2	11	1	1	2						2	1
Northern Saw-whet Owl				5										
Common Nighthawk							3	1				2		1
Eastern Whip-poor-will		8											1	13
Chimney Swift	36	32	37	25	5	2		83	8	63	6	214	1	44
Ruby-throated Hummingbird	3	22	18	38	4	4	2	6	3	6		4	10	23
Belted Kingfisher	2	7	2	2	1	1		5		7			6	4
Red-headed Woodpecker						2								
Red-bellied Woodpecker	17	26	8	1	8	3	6	59	7	52	2	48	1	34
Yellow-bellied Sapsucker		7	1	33	1								2	
Downy Woodpecker	7	20	8	4	3	4	4	27	3	16	2	17	2	23
Hairy Woodpecker	4	9	1	1				14	1	6		8	5	18
Northern Flicker	8	33	11	14	4	7	2	30	5	18	2	36	3	42
Pileated Woodpecker	2	10	6	4		1	1	2	4	1	3	3	1	19
Olive-sided Flycatcher				1										2
Eastern Wood-Pewee	5	6		4	4	4		10	4	12	3	7		4
Acadian Flycatcher	1	1			2					1	11	7		2
Alder Flycatcher		1		10							1			
Willow Flycatcher	2	1		2	1			10		3	1	5		2
Least Flycatcher		4	3	28				1		1				
Empidonax, sp.		1										2		
Eastern Phoebe	4	17	8	17	1		2	12	5	11	2	6	2	40
Great Crested Flycatcher	2	14	6		3	2	4	34		24	2	18		26
Eastern Kingbird	9	5	2	3	3		1	15	3	17	6	24	5	9

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
White-eyed Vireo								1	1	2	2	4		2
Yellow-throated Vireo	5	3			3					2	8			4
Blue-headed Vireo		10	6	61	1	1				1		1	3	11
Warbling Vireo	7	8	1	6	7			30	1	36	7	86		4
Philadelphia Vireo														1
Red-eyed Vireo	28	60	19	71	14	10	4	32	19	38	54	51	3	233
Blue Jay	72	76	37	34	12	7	7	112	26	84	9	30	24	138
American Crow	55	183	52	83	8	30	8	42	17	193	12	24	40	246
Fish Crow	3	14	7					1		15	1	5		9
Crow, sp.								5						
Common Raven		22	6	7		2	1			1			1	3
Horned Lark	1					2			3	6				7
Purple Martin	1		88		120	32				4				
Tree Swallow	178	239	33	92	12	2	1	139	42	148	8	271	95	75
Northern Rough-winged Swallow	75	54	9	5				28	5	68	8	68	2	69
Bank Swallow	5	35							18	17	12	2	5	59
Cliff Swallow		3	30	25	2				4				93	31
Barn Swallow	185	123	39	92	8	48	6	54	40	313	35	117	57	193
Swallow, sp.								24						
Carolina Chickadee								57			6	24		
Black-capped Chickadee		75	26	85	11		5	1	12	22	2		18	35
Chickadee, sp.	6							1						41
Tufted Titmouse	10	45	18	8	6	5	4	50	5	45	5	34	4	100
Red-breasted Nuthatch		1		1									2	6
White-breasted Nuthatch	4	13	6	13		7	1	18	3	14	2	10	2	16
Brown Creeper		4		5										4
Carolina Wren	5	7	5	1	1	2		39	4	18	12	32		18
House Wren	10	22	12	19	5	3	3	47	9	36	5	75	1	27
Winter Wren		1		8					1					1
Marsh Wren												5		
Golden-crowned Kinglet		2		2										7
Ruby-crowned Kinglet														
Blue-gray Gnatcatcher	5	7	4	9	3	3		54	1	30	17	45		31
Eastern Bluebird	9	54	20	15	3	9	1	18	10	8	3	2	1	38
Veery	2	18	2	21	2		2	7		15	1	23	1	76
Gray-cheeked Thrush		1									1	1		
Swainson's Thrush	1	5		3		1	7				10	8		
Hermit Thrush		12		33										7
Wood Thrush	26	28	25	6	20	18	3	41	4	94	16	51	1	85
American Robin	110	642	107	235	19	52	6	558	79	313	50	877	65	500

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
Gray Catbird	99	143	37	46	9	16	8	294	44	290	22	474	20	361
Northern Mockingbird	4	8	2			7	1	15	3	31	5	14		19
Brown Thrasher	3	5	10	1	3	5	1	4	9	6	3	3	2	7
European Starling	79	234	57	194	2	65	4	117	25	267	50	241	55	413
American Pipit						1				2				
Cedar Waxwing	20	8	10	3	2		3	116		20	4	64		9
Blue-winged Warbler		1		4			4			6	4	4	1	14
Golden-winged Warbler														
Brewster's Warbler														1
Lawrence's Warbler														
Tennessee Warbler	3	2		2	12				1					1
Orange-crowned Warbler														
Nashville Warbler	1	2		6										3
Northern Parula	3	6		2			3	14		8	3	24		20
Yellow Warbler	62	61	30	55	21	1		46	17	52	17	97	17	91
Chestnut-sided Warbler		38	5	64	2		1	3	12		1	7	3	67
Magnolia Warbler		11	6	63	3	4	1		4	1	1	7	2	9
Cape May Warbler		2		2										
Black-throated Blue Warbler	3	15	4	27		1				3	2	16		13
Yellow-rumped Warbler		14		17	4	1	5	7	45	6		9		32
Black-throated Green Warbler	3	28	14	78	1	5			5	1	2	1	1	25
Blackburnian Warbler	1	13	4	103	1	2			3		2		3	20
Yellow-throated Warbler										2				
Pine Warbler		3		1										11
Prairie Warbler	7	24	7				2	2		2	1			5
Palm Warbler				1										
Bay-breasted Warbler		2		6								1		
Blackpoll Warbler	11	10		3	8	4		12	6	12	7	69		13
Cerulean Warbler	2	3		7	1									
Black-and-white Warbler	6	49	6	4			3	6	3	8	5	15		55
American Redstart	24	43	6	111	13		2	7	3	59	13	21		29
Prothonotary Warbler					2							1		
Worm-eating Warbler	5	9						1		6	4			10
Ovenbird	15	116	45	93	2	6	7	11	16	63	46	5	3	307
Northern Waterthrush	3	5		1				1		3	4	6		1
Louisiana Waterthrush	1	2	4	3				1		7	8	1		6
Kentucky Warbler														2
Mourning Warbler				9	1						1			
Common Yellowthroat	17	70	23	45	12	8	3	50	16	41	8	38	6	158
Hooded Warbler	3	4	12	9	12	3			3	1	14	1	1	26

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Species	LEHIGH	LUZERNE	LYCOMING	MCKEAN	MERCER	MIFFLIN	MONROE	MONTGOMERY	MONTOUR	NORTHAMPTON	PERRY	PHILADELPHIA	POTTER	SCHUYLKILL
House Sparrow	15	74	20	64	10	33	2	51	9	57	25	127	10	178
Other Species:														
White-winged Scoter		5							15					2
Yellow Rail														
Chuck-will's Widow														
Scaup sp.														
Yellowlegs sp.														
Eurasian Collared Dove														
Dickcissel														
Red-necked Phalarope														
Iceland Gull														
Long-tailed Duck														
Total Species (not counting "sp."):	109	147	94	134	87	82	65	92	87	126	104	118	88	134
Total Birds:	1954	5175	1509	3432	678	919	222	3771	904	4599	1060	5141	1280	6586
Total Participants:	5	26	6	3	2	6	5	10	12	8	1	39	14	15
Total Parties:	5	10	4	3	2	2	1	9	3	6	1	10	6	12
Start Time:	07:00 AM	03:00 AM	05:00 AM	02:30 AM	06:30 AM	04:30 AM	12:30 AM	04:55 AM	06:30 AM	03:00 AM	04:30 AM	04:30 AM	07:00 AM	02:45 AM
Stop Time:	06:00 PM	08:40 PM	10:00 PM	06:15 PM	08:30 PM	06:15 PM	09:30 PM	06:35 PM	05:00 PM	10:30 PM	12:00 PM	03:00 PM	10:00 PM	10:30 PM
Party Hours on Foot:	12	34	14	3	10	5	21	46.27	8	40	4	40.5	0	73.25
Party Hours by Car:	15	28.1	11	12.75	4	1.5	0	0	4	8	3.5	3	25	35.75
Party Hours by Other:	0	9.5	5.5	7.5	0	0	0	0	0	1	0	0	2	0
Total Party Hours:	27	71.6	30.5	23.25	14	6.5	21	46.27	12	49	7.5	43.5	27	109
Party Miles on foot:	13	25	7.2	3	4	4	0	47.02	6	18	4	30.75	0	84.75
Party Miles by car:	75	381	92	201	15	44	0	0	66	307	68	44	115	247.5
Party Miles by other:	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Total Party Miles:	88	410	99.2	204	19	48	0	47.02	72	325	72	74.75	115	332.25

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Species	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WARREN	WASHINGTON	WAYNE	WESTMORELAND	WYOMING	YORK
Ring-billed Gull	3				1				1		6
Herring Gull											
Lesser Black-backed Gull											
Great Black-backed Gull											
Caspian Tern											
Black Tern											
Common Tern											
Forster's Tern											
Tern, sp.			1								
Rock Pigeon	1	15	2	22	61	30		5	82	92	71
Mourning Dove		7	17	16	25	17		33	180	120	183
Yellow-billed Cuckoo	2				1			2	8		4
Black-billed Cuckoo	1		2		2	1		1	11	1	1
Barn Owl											
Eastern Screech-Owl											
Great Horned Owl				1					4		
Barred Owl	2		1	1							
Northern Saw-whet Owl		1									
Common Nighthawk					2						
Eastern Whip-poor-will		1							2		
Chimney Swift	3	3		1	40		30	15	127	15	71
Ruby-throated Hummingbird	4	1	1	4	8	3	1	9	42	22	6
Belted Kingfisher	1	2	1	1	1	2			6	2	2
Red-headed Woodpecker											4
Red-bellied Woodpecker	2		2	4	4	2	2	5	92	36	32
Yellow-bellied Sapsucker		6	7	8		1		16		7	
Downy Woodpecker	1		2	6		1	1	11	45	15	7
Hairy Woodpecker	2		2	1	3			2	12		2
Northern Flicker	1	3	3	10	4	2		6	38	39	20
Pileated Woodpecker	2			3	2			5	22	10	8
Olive-sided Flycatcher											
Eastern Wood-Pewee	1		1	1	1	2	2	3	51	4	20
Acadian Flycatcher									35		11
Alder Flycatcher	1					1					
Willow Flycatcher	2	1				1			14		7
Least Flycatcher	2	4	5	1				24	13	6	
Empidonax, sp.									1		
Eastern Phoebe		3	2	5	5	2	1	17	37	36	9
Great Crested Flycatcher	3		7		1	1	1	4	6	20	26
Eastern Kingbird	2	2	2	3	3	7		9	37		29

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Species	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WARREN	WASHINGTON	WAYNE	WESTMORELAND	WYOMING	YORK
White-eyed Vireo									14		17
Yellow-throated Vireo			3			2	1	5	7	12	6
Blue-headed Vireo		1	3	3				1	6	7	
Warbling Vireo			2		3	1		12	20	4	10
Philadelphia Vireo					1				6		
Red-eyed Vireo	2	5	6	8	20	6	5	48	248	65	81
Blue Jay	30	8	16	24	7	5	3	47	182	75	56
American Crow	5	23	19	42	52	7	2	83	286	172	128
Fish Crow								1		3	1
Crow, sp.											3
Common Raven		2		1				3	4	7	
Horned Lark											
Purple Martin					2				10		54
Tree Swallow	6	13	19	59	34	1		62	151	145	110
Northern Rough-winged Swallow		3	1	13	2	5		10	42	29	26
Bank Swallow									7		
Cliff Swallow				20	32	3					11
Barn Swallow	4	27	18	9	16	119		35	357	96	77
Swallow, sp.									19		
Carolina Chickadee							4		6		57
Black-capped Chickadee	4	6	14	20	10			61	67	28	
Chickadee, sp.									40		
Tufted Titmouse	2		4	19	2	1	2	11	105	46	42
Red-breasted Nuthatch		1		1				2	1		
White-breasted Nuthatch	2		5	6	1	1		12	53	12	5
Brown Creeper		1	1					1		3	1
Carolina Wren				3			3	4	22	22	35
House Wren	4	1	2	4				20	39	12	34
Winter Wren			1	1				5	3	1	
Marsh Wren											
Golden-crowned Kinglet									3	5	
Ruby-crowned Kinglet											
Blue-gray Gnatcatcher				2	1				17	6	59
Eastern Bluebird	6	4	5	7	1		1	5	45	38	55
Veery	1	1	11	3	2	1		15	12	19	3
Gray-cheeked Thrush									1		
Swainson's Thrush							1	1	5		2
Hermit Thrush		12	1	8				9	1		
Wood Thrush	3	2	10	3	9		1	21	216	70	74
American Robin	10	60	37	75	72	37	10	105	1270	387	455

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Species	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WARREN	WASHINGTON	WAYNE	WESTMORELAND	WYOMING	YORK
Gray Catbird	6	8	18	15	12	7	4	91	252	126	220
Northern Mockingbird									45	7	32
Brown Thrasher	3	4	2	2	2	1	1	3	18	10	9
European Starling	10	13	18	34	24	59		13	810	218	407
American Pipit											32
Cedar Waxwing	5		1	1	11	8		1	16	5	21
Blue-winged Warbler	1		2		1			22	18	8	17
Golden-winged Warbler	1								3		
Brewster's Warbler											
Lawrence's Warbler											
Tennessee Warbler						9			4		4
Orange-crowned Warbler											
Nashville Warbler	4	3	3					2	8		1
Northern Parula	2								9		11
Yellow Warbler	10	14	12	9	18	28	1	112	257	101	32
Chestnut-sided Warbler	2	27	12	22	15	2		83	43	34	6
Magnolia Warbler	5	2	3	5	4			5	28		1
Cape May Warbler					1				1		1
Black-throated Blue Warbler	4	5		12				14	33	3	5
Yellow-rumped Warbler	3	4	1	9		1		2	1	3	6
Black-throated Green Warbler	7	4	4	10	4			23	27	11	4
Blackburnian Warbler	1	6	5	9	3			1	11	2	1
Yellow-throated Warbler									3		
Pine Warbler										3	1
Prairie Warbler	1	8	5					1	10	8	7
Palm Warbler											
Bay-breasted Warbler					4						
Blackpoll Warbler	8				9	2			2	8	10
Cerulean Warbler						2			4		1
Black-and-white Warbler	1	3	3	5	2	1		36	24	12	4
American Redstart	5	3	15	8	2		1	31	115	43	20
Prothonotary Warbler											3
Worm-eating Warbler								1			8
Ovenbird	1	22	23	17	7			130	75	70	54
Northern Waterthrush	2							2	2		1
Louisiana Waterthrush		1	1	1				1	18	3	7
Kentucky Warbler	1								6		6
Mourning Warbler									3		1
Common Yellowthroat	9	13	11	11	10	4	2	124	211	77	53
Hooded Warbler	2			6	1		1		81	3	4

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Species	SOMERSET	SULLIVAN	SUSQUEHANNA	TIOGA	VENANGO	WARREN	WASHINGTON	WAYNE	WESTMORELAND	WYOMING	YORK
House Sparrow			5	2	7	13	4	18	355	62	37
Other Species:											
White-winged Scoter											
Yellow Rail									1		
Chuck-will's Widow											
Scaup sp.											
Yellowlegs sp.											
Eurasian Collared Dove											
Dickcissel											
Red-necked Phalarope											1
Iceland Gull											
Long-tailed Duck										1	
Total Species (not counting "sp."):	93	83	97	99	92	66	38	106	147	108	132
Total Birds:	362	613	639	1035	952	604	119	2191	11052	4358	4555
Total Participants:	5	1	13	17	3	1	1	14	30	13	12
Total Parties:	1	1	4	6	1	1	1	8	20	7	6
Start Time:	07:30 AM	05:30 AM	10:00 AM	10:00 AM	05:40 AM	07:30 AM	08:00 AM	04:30 AM	05:00 AM	05:30 AM	05:30 AM
Stop Time:	06:00 PM	09:00 PM	10:00 AM	10:00 AM	09:52 PM	01:30 PM	11:20 AM	07:00 PM	07:00 PM	09:20 PM	07:00 PM
Party Hours on Foot:	10	3	12	17.75	2	2	3.3	20.75	72.25	37	44.75
Party Hours by Car:	0.25	6.5	12.5	5	14	2	0	18	47	36.25	22.493
Party Hours by Other:	0	1	0	0	0	2	0	13	2	2	0
Total Party Hours:	10.25	10.5	24.5	22.75	16	6	3.3	51.75	121.25	75.25	67.243
Party Miles on foot:	1	2.5	5	15	1	2.5	3	10.25	57.5	14.3	34
Party Miles by car:	5	101	72	70	129	32	0	136	500.25	323	551.5
Party Miles by other:	0	0	0	0	0	0	0	0	0	0	0
Total Party Miles:	6	103.5	77	85	130	34.5	3	146.25	557.75	337.3	585.5

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	Total		Maximum	Maximum
Species	Number	Counties	#	County
Snow Goose	85	8	25	LEBANON
Canada Goose	6243	49	674	BUCKS
Mute Swan	81	12	21	PHILADELPHIA
Tundra Swan	1	1	1	LANCASTER
Wood Duck	856	45	81	JUNIATA
Gadwall	11	6	4	CUMBERLAND
American Wigeon	450	11	194	CUMBERLAND
American Black Duck	9	5	3	BUCKS, CHESTER
Mallard	2026	39	253	BUCKS
Blue-winged Teal	3	2	2	BEDFORD
Northern Shoveler	2	1	2	CUMBERLAND
Northern Pintail	3	2	2	FRANKLIN
Green-winged Teal	1	1	1	CUMBERLAND
Canvasback	2	2	1	FOREST, NORTHAMPTON
Ring-necked Duck	21	8	5	BUTLER
Greater Scaup	2	1	2	BEDFORD
Lesser Scaup	4	3	2	BUTLER
Bufflehead	12	5	7	BUTLER
Common Goldeneye	2	1	2	NORTHAMPTON
Hooded Merganser	84	19	17	JUNIATA
Common Merganser	279	31	29	WYOMING
Red-breasted Merganser	17	6	5	DAUPHIN
Ruddy Duck	33	9	8	BERKS
Northern Bobwhite	10	4	6	FRANKLIN
Ring-necked Pheasant	87	25	14	INDIANA
Ruffed Grouse	104	32	14	CENTRE
Wild Turkey	533	44	50	INDIANA, WYOMING
Red-throated Loon	5	3	3	WYOMING
Common Loon	93	22	24	LUZERNE
Pied-billed Grebe	22	10	6	CHESTER
Horned Grebe	1	1	1	BUTLER
Double-crested Cormorant	546	30	177	BUCKS
American Bittern	5	3	2	BEDFORD, CUMBERLAND
Least Bittern	1	1	1	CUMBERLAND
Great Blue Heron	635	43	88	LANCASTER
Great Egret	104	12	40	DAUPHIN
Snowy Egret	3	3	1	BEDFORD, DAUPHIN, LEHIGH
Little Blue Heron	1	1	1	BUCKS
Green Heron	240	41	25	BUCKS

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	Total		Maximum	Maximum
Species	Number	Counties	#	County
Black-crowned Night-Heron	77	10	39	YORK
Yellow-crowned Night-Heron	1	1	1	CUMBERLAND
Black Vulture	415	25	121	LANCASTER
Turkey Vulture	1687	52	212	BUCKS
Osprey	91	26	15	BUCKS
Bald Eagle	135	31	25	LANCASTER
Northern Harrier	27	15	4	FRANKLIN, JUNIATA
Sharp-shinned Hawk	47	25	6	ALLEGHENY
Cooper's Hawk	67	23	10	BUCKS
Northern Goshawk	2	2	1	LEHIGH, WAYNE
Accipiter, sp.	1	1	1	DAUPHIN
Red-shouldered Hawk	30	14	4	BUTLER
Broad-winged Hawk	53	24	11	LYCOMING
Red-tailed Hawk	420	46	32	BERKS
Buteo, sp.	3	3	1	BERKS, CLINTON, WESTMORELAND
American Kestrel	156	40	12	FRANKLIN
Merlin	9	6	3	MCKEAN
Peregrine Falcon	22	8	6	CLINTON
Virginia Rail	24	12	4	TIOGA
Sora	16	9	4	CHESTER
Common Moorhen	7	5	2	BUCKS, BUTLER
American Coot	61	18	12	YORK
Sandhill Crane	5	3	2	BUTLER, SULLIVAN
Black-bellied Plover	7	2	6	CUMBERLAND
Semipalmated Plover	137	14	41	CUMBERLAND
Killdeer	677	44	80	FRANKLIN
Spotted Sandpiper	564	40	207	JUNIATA
Solitary Sandpiper	287	35	31	CUMBERLAND
Greater Yellowlegs	53	12	13	CUMBERLAND
Lesser Yellowlegs	134	19	33	BUCKS
Upland Sandpiper	4	2	2	BEDFORD, BUTLER
Semipalmated Sandpiper	21	10	6	BUCKS
Least Sandpiper	895	20	176	CUMBERLAND
Peep, sp.	13	4	5	BUCKS
Pectoral Sandpiper	3	3	1	CLINTON, HUNTINGDON, SUSQUEHANNA
Dunlin	32	9	13	LANCASTER
Short-billed Dowitcher	1	1	1	LEBANON
Wilson's Snipe	16	9	5	ADAMS
American Woodcock	78	19	19	INDIANA

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Species	Total	Counties	Maximum	Maximum County
	Number		#	
Bonaparte's Gull	41	11	21	BUCKS
Laughing Gull	4115	2	4,105	BUCKS
Ring-billed Gull	729	23	175	LANCASTER
Herring Gull	72	4	66	BUCKS
Lesser Black-backed Gull	8	1	8	BUCKS
Great Black-backed Gull	58	2	54	BUCKS
Caspian Tern	3	2	2	LANCASTER
Black Tern	1	1	1	BERKS
Common Tern	13	3	8	LANCASTER
Forster's Tern	18	2	17	BUTLER
Tern, sp.	1	1	1	SUSQUEHANNA
Rock Pigeon	2884	48	390	JUNIATA
Mourning Dove	4339	50	522	FRANKLIN
Yellow-billed Cuckoo	96	30	10	BUCKS
Black-billed Cuckoo	93	27	18	INDIANA
Barn Owl	16	4	10	JUNIATA
Eastern Screech-Owl	66	18	9	CHESTER, JUNIATA
Great Horned Owl	42	23	4	BUCKS, WESTMORELAND
Barred Owl	83	26	15	FRANKLIN
Northern Saw-whet Owl	6	2	5	MCKEAN
Common Nighthawk	18	12	3	MONROE
Eastern Whip-poor-will	80	15	18	CENTRE
Chimney Swift	2783	48	222	INDIANA
Ruby-throated Hummingbird	751	51	75	INDIANA
Belted Kingfisher	177	42	14	JUNIATA
Red-headed Woodpecker	53	16	12	FRANKLIN
Red-bellied Woodpecker	1636	52	173	BUCKS
Yellow-bellied Sapsucker	112	16	33	MCKEAN
Downy Woodpecker	807	49	58	FRANKLIN
Hairy Woodpecker	262	41	20	BUCKS
Northern Flicker	1007	50	73	INDIANA
Pileated Woodpecker	385	47	32	JUNIATA
Olive-sided Flycatcher	8	6	2	INDIANA, SCHUYLKILL
Eastern Wood-Pewee	515	47	51	WESTMORELAND
Acadian Flycatcher	357	33	54	GREENE
Alder Flycatcher	25	11	10	MCKEAN
Willow Flycatcher	236	35	29	CHESTER
Least Flycatcher	154	27	28	MCKEAN
Empidonax, sp.	12	6	5	LEBANON

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	Total		Maximum	Maximum
Species	Number	Counties	#	County
Eastern Phoebe	802	49	65	FRANKLIN
Great Crested Flycatcher	799	44	115	JUNIATA
Eastern Kingbird	655	46	66	BUCKS
White-eyed Vireo	199	26	24	LANCASTER
Yellow-throated Vireo	209	30	24	JUNIATA
Blue-headed Vireo	197	35	61	MCKEAN
Warbling Vireo	651	38	102	BUCKS
Philadelphia Vireo	22	6	8	CENTRE
Red-eyed Vireo	3896	52	423	INDIANA
Blue Jay	3314	53	253	INDIANA
American Crow	5191	53	349	CENTRE
Fish Crow	382	24	78	CUMBERLAND
Crow, sp.	103	9	26	BERKS
Common Raven	150	33	22	LUZERNE
Horned Lark	217	19	91	FRANKLIN
Purple Martin	1385	27	196	JUNIATA
Tree Swallow	4608	50	407	BUCKS
Northern Rough-winged Swallow	1448	44	200	BUCKS
Bank Swallow	403	25	86	BUCKS
Cliff Swallow	797	27	238	BUTLER
Barn Swallow	6177	51	568	FRANKLIN
Swallow, sp.	44	3	24	MONTGOMERY
Carolina Chickadee	553	19	88	BUCKS
Black-capped Chickadee	1140	41	157	INDIANA
Chickadee, sp.	339	12	89	BERKS
Tufted Titmouse	2102	52	185	JUNIATA
Red-breasted Nuthatch	36	17	6	SCHUYLKILL
White-breasted Nuthatch	608	50	53	WESTMORELAND
Brown Creeper	35	18	5	MCKEAN
Carolina Wren	878	43	109	JUNIATA
House Wren	1129	49	119	BUCKS
Winter Wren	28	13	8	MCKEAN
Marsh Wren	7	2	5	PHILADELPHIA
Golden-crowned Kinglet	26	9	7	SCHUYLKILL
Ruby-crowned Kinglet	18	8	4	ALLEGHENY, CENTRE
Blue-gray Gnatcatcher	910	42	107	BUCKS
Eastern Bluebird	1431	51	175	FRANKLIN
Veery	482	44	76	SCHUYLKILL
Gray-cheeked Thrush	6	6	1	ALLEGHENY, FRANKLIN, LUZERNE, PERRY, PHILADELPHIA, WESTMORELAND

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Species	Total	Counties	Maximum	Maximum County
	Number		#	
Swainson's Thrush	64	22	10	PERRY
Hermit Thrush	126	26	33	MCKEAN
Wood Thrush	2811	51	273	BERKS
American Robin	16398	53	1,367	INDIANA
Gray Catbird	8526	53	897	BERKS
Northern Mockingbird	832	34	162	FRANKLIN
Brown Thrasher	488	50	54	FRANKLIN
European Starling	11038	51	1,180	FRANKLIN
American Pipit	197	9	82	CUMBERLAND
Cedar Waxwing	1484	42	172	LANCASTER
Blue-winged Warbler	265	34	26	GREENE
Golden-winged Warbler	49	9	13	CENTRE
Brewster's Warbler	5	5	1	HUNTINGDON, INDIANA, LANCASTER, LEBANON, SCHUYLKILL
Lawrence's Warbler	1	1	1	DAUPHIN
Tennessee Warbler	154	25	50	BUTLER
Orange-crowned Warbler	3	2	2	BUTLER
Nashville Warbler	84	23	21	BUTLER
Northern Parula	314	35	37	BUCKS
Yellow Warbler	2961	50	302	BUCKS
Chestnut-sided Warbler	788	46	83	WAYNE
Magnolia Warbler	363	44	63	MCKEAN
Cape May Warbler	15	12	2	INDIANA, LUZERNE, MCKEAN
Black-throated Blue Warbler	264	35	33	WESTMORELAND
Yellow-rumped Warbler	410	44	45	MONTOUR
Black-throated Green Warbler	592	45	78	MCKEAN
Blackburnian Warbler	367	38	103	MCKEAN
Yellow-throated Warbler	45	11	15	BEDFORD
Pine Warbler	59	18	12	FRANKLIN
Prairie Warbler	257	33	30	LANCASTER
Palm Warbler	16	9	5	ALLEGHENY
Bay-breasted Warbler	41	18	6	MCKEAN
Blackpoll Warbler	450	37	69	PHILADELPHIA
Cerulean Warbler	118	23	26	GREENE
Black-and-white Warbler	616	46	107	FRANKLIN
American Redstart	1354	48	115	WESTMORELAND
Prothonotary Warbler	21	7	12	LANCASTER
Worm-eating Warbler	138	23	24	JUNIATA
Ovenbird	3166	48	307	SCHUYLKILL
Northern Waterthrush	92	28	15	JUNIATA

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Species	Total	Counties	Maximum	Maximum County
	Number		#	
Louisiana Waterthrush	251	33	52	JUNIATA
Kentucky Warbler	63	14	13	BUTLER
Mourning Warbler	26	13	9	MCKEAN
Common Yellowthroat	2873	52	297	INDIANA
Hooded Warbler	587	41	94	INDIANA
Wilson's Warbler	39	21	4	WESTMORELAND
Canada Warbler	106	31	10	CUMBERLAND
Yellow-breasted Chat	99	18	16	GREENE, LANCASTER
Eastern Towhee	2708	51	352	INDIANA
American Tree Sparrow	43	9	12	WESTMORELAND
Chipping Sparrow	3079	52	303	INDIANA
Clay-colored Sparrow	3	2	2	CLARION
Field Sparrow	958	47	86	JUNIATA, WESTMORELAND
Vesper Sparrow	41	10	16	FRANKLIN
Savannah Sparrow	201	34	45	BUCKS
Grasshopper Sparrow	144	28	22	FRANKLIN
Henslow's Sparrow	50	7	19	CLARION
Fox Sparrow	12	6	3	WESTMORELAND
Song Sparrow	3616	53	341	JUNIATA
Lincoln's Sparrow	14	11	3	FRANKLIN
Swamp Sparrow	149	31	17	CENTRE
White-throated Sparrow	166	34	28	FRANKLIN
White-crowned Sparrow	192	33	37	JUNIATA
Dark-eyed Junco	238	28	71	MCKEAN
Summer Tanager	1	1	1	BUCKS
Scarlet Tanager	1463	51	155	INDIANA
Northern Cardinal	4423	52	345	FRANKLIN
Rose-breasted Grosbeak	960	49	117	INDIANA
Blue Grosbeak	23	7	10	CUMBERLAND
Indigo Bunting	1943	50	237	JUNIATA
Bobolink	741	42	105	WYOMING
Red-winged Blackbird	11217	52	1,107	WESTMORELAND
Eastern Meadowlark	563	43	73	FRANKLIN
Rusty Blackbird	23	4	9	BEDFORD
Blackbird, sp.	15	2	14	PHILADELPHIA
Common Grackle	9332	51	1,141	JUNIATA
Brown-headed Cowbird	2193	51	216	BUCKS
Orchard Oriole	464	35	52	BUCKS
Baltimore Oriole	3201	51	373	JUNIATA

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	Total		Maximum	Maximum
Species	Number	Counties	#	County
Purple Finch	222	26	41	INDIANA
House Finch	1320	49	164	FRANKLIN
Common Redpoll	1	1	1	BUTLER
Pine Siskin	47	16	5	POTTER
American Goldfinch	4015	53	353	FRANKLIN
Evening Grosbeak	8	2	5	BUTLER
House Sparrow	3874	49	477	FRANKLIN
		0		
Other Species:		0		
White-winged Scoter	83	9	27	CENTRE
Yellow Rail	1	1	1	WESTMORELAND
Chuck-will's Widow	1	1	1	LEBANON
Scaup sp.	8	1	8	DAUPHIN
Yellowlegs sp.	2	1	2	DAUPHIN
Eurasian Collared Dove	4	1	4	FRANKLIN
Dickcissel	3	3	1	CAMERON, CHESTER, LANCASTER
Red-necked Phalarope	1	2	1	CUMBERLAND, YORK
Iceland Gull	2	1	2	BUCKS
Long-tailed Duck	1	1	1	WYOMING
Total Species (not counting "sp."):	238	53	167.00	CUMBERLAND
Total Birds:	199,120	53	15621.00	BUCKS
Total Participants:	930	53	66.00	FRANKLIN
Total Parties:	491	53	42.00	INDIANA
Start Time:	12:30 AM		12:30 AM	MONROE
Stop Time:	10:45 PM		10:45 PM	INDIANA
Party Hours on Foot:	1571.52		110.00	ALLEGHENY
Party Hours by Car:	1028.25		102.50	BUCKS
Party Hours by Other:	332.35		106.50	INDIANA
Total Party Hours:	2932.12		251.50	INDIANA
Party Miles on foot:	1157.92		102.00	ALLEGHENY
Party Miles by car:	9002.35		828.70	INDIANA
Party Miles by other:	153.50		102.50	DAUPHIN

Total Party Miles:	10313.77		864.85	INDIANA
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