

## Fall Migration at Jeffersonville, Penna. 1916 to 1928, Inc.

BY RAYMOND J. MIDDLETON

JEFFERSONVILLE is located northwest of Norristown and about fifteen miles north of Philadelphia.

The following records have been kept by daily observation at the writer's home which includes ten acres of field, thickets and woods. There are also about twenty acres of field and five acres of thickets and woods on adjoining property which is visited occasionally.

The reader will note the absence of many water birds, the reason being that the nearest stream of water is one and a half miles away.

The following species nest nearby but not close enough to keep an accurate record of time of departure: Green Heron, Spotted Sandpiper, Purple Martin, Bobolink and Grasshopper Sparrow.

The dates given for the Canada Goose, Great Blue Heron, Solitary Sandpiper and Osprey may not accurately give the time of their arrivals or departures as their appearance here, where there is no water, in the fall is probably a matter of chance.

Those of our summer residents that have the shortest stay with us during the nesting season are Indigo Bunting, Baltimore Oriole, Orchard Oriole and Crested Flycatcher and those having the longest stay are Killdeer and Purple Grackle.

As many bird lovers do not have the opportunity of keeping daily records of migrants as they come south in the fall or of the departure of our summer residents it is thought that these records will be of interest to them.

On all summer residents the first and second columns are not filled in and on the winter residents the third and fourth columns are omitted.

	Earliest Arrival	Average Arrival	Average Departure	Latest Departure	Remarks
Canada Goose.....	Oct. 25	Nov. 5	Nov. 21	Nov. 29	
Great Blue Heron.....	Oct. 14	Oct. 27	Sept. 1	Sept. 27	Rare
Woodcock.....	One found dead on Aug. 30, 1920		Oct. 30	Oct. 31	Rare
Knot.....	Sept. 27	Oct. 1	Oct. 10	Oct. 17	Rare
Solitary Sandpiper.....			Aug. 24	Aug. 31	
Upland Plover.....			Dec. 1	Dec. 26	
Killdeer.....			Resident		
Bob-White.....			Resident		
Ring-necked Pheasant.....			Oct. 20	Nov. 8	
Mourning Dove.....			Nov. 15	Nov. 29	
Turkey Vulture.....			Oct. 30	Nov. 24	
Marsh Hawk.....	Aug. 14	Sept. 10	Resident		
Sharp-shinned Hawk.....			Resident		
Cooper's Hawk.....					Rare
Goshawk.....	Sept. 30	Nov. 1			
Red-Tailed Hawk.....	Oct. 25	Dec. 1			
Red-Shouldered Hawk.....	Aug. 10	Oct. 1			
Broad-winged Hawk.....	Sept. 2	Oct. 1	Oct. 30	Nov. 25	
Rough-Legged Hawk.....	Sept. 20			Jan. 30	Very Rare
Golden Eagle.....	Aug. 8	Sept. 15	Oct. 1	Oct. 3	Very Rare
Duck Hawk.....	Sept. 7	Oct. 3	Oct. 15	Nov. 2	Rare
Pigeon Hawk.....	Sept. 14		Resident		
Sparrow Hawk.....			Oct. 5	Oct. 10	
Osprey.....			Resident		
Barn Owl.....			Resident		
Snowy Owl.....	Dec. 9		Resident	Dec. 17	3 in 1926
Screech Owl.....			Resident		
Yellow-billed Cuckoo.....			Sept. 15	Oct. 2	
Black-billed Cuckoo.....			Sept. 20	Oct. 13	

	Earliest Arrival	Average Arrival	Average Departure	Latest Departure	Remarks
Belted Kingfisher.....	Sept. 10	Nov. 15	Nov. 1	Nov. 10	
Hairy Woodpecker.....	Sept. 28	Oct. 2	Resident	Oct. 21	
Downy Woodpecker.....			Oct. 9	Oct. 10	Rare
Yellow-bellied Sapsucker.....			Sept. 15	Resident	
Red-headed Woodpecker.....			Oct. 6	Oct. 10	
Flicker.....			Sept. 20	Oct. 18	
Whip-poor-will.....	July 28	Aug. 10	Oct. 12	Oct. 18	
Night-hawk.....			Sept. 24	Oct. 15	
Chimney Swift.....			Sept. 20	Oct. 14	
Ruby-throated Hummingbird.....			Sept. 12	Sept. 22	
Kingbird.....			Oct. 20	Nov. 16	
Crested Flycatcher.....	Sept. 24				Only one Fall Record
Phoebe.....					
Olive-sided Flycatcher.....					
Wood Pewee.....	Sept. 7		Oct. 5	Nov. 2	
Yellow-bellied Flycatcher.....	Sept. 5		Sept. 28	Oct. 17	Rare
Acadian Flycatcher.....	Sept. 9	Sept. 8		Oct. 19	
Least Flycatcher.....	Nov. 18	Dec. 1		Oct. 1	Rare
Horned Lark.....			Resident		
Bluejay.....			Resident		
Crow.....			Resident		
Starling.....			Resident		
Cowbird.....	Oct. 4				
Red-winged Blackbird.....			Oct. 24	Oct. 16	Rare in Fall
Meadowlark.....			Resident	Nov. 13	
Orchard Oriole.....			Sept. 1	Sept. 6	
Baltimore Oriole.....			Sept. 1	Sept. 17	
Rusty Blackbird.....		Oct. 10	Nov. 13	Dec. 9	
Purple Grackle.....	Sept. 29		Nov. 25	Dec. 31	

	Earliest Arrival	Average Arrival	Average Departure	Latest Departure	Remarks
Purple Finch.....	Sept. 9			Nov. 13	Rare
Red Poll.....	One found dead Jan. 20, 1918				
Goldfinch.....	Oct. 9		Resident	Nov. 22	Rare
Pine Siskin.....	Nov. 6				Flock of 10 in 1927
Lepland Longspur.....					
Vesper Sparrow.....					
Savannah Sparrow.....	Sept. 15	Oct. 1	Oct. 15	Oct. 30	
White-crowned Sparrow.....	Oct. 8	Oct. 15	Oct. 15	Oct. 28	
White-Throated Sparrow.....	Sept. 12	Sept. 25	Oct. 20	Oct. 23	Rare
Tree Sparrow.....	Oct. 17	Nov. 25	Nov. 15	Dec. 3	
Chipping Sparrow.....					
Field Sparrow.....			Oct. 12	Nov. 13	
Slate-colored Junco.....	Sept. 24	Oct. 1	Oct. 10	Oct. 29	
Song Sparrow.....			Resident		
Lincoln Sparrow.....	Oct. 7			Oct. 29	Rare
Swamp Sparrow.....	Sept. 25	Oct. 10	Oct. 20	Oct. 23	
Fox Sparrow.....	Sept. 26	Oct. 20	Nov. 20	Dec. 11	
Towhee.....			Oct. 20	Nov. 23	
Cardinal.....			Resident		
Indigo Bunting.....			Sept. 2	Sept. 10	
Scarlet Tanager.....			Sept. 15	Oct. 3	
Barn Swallow.....			Sept. 10	Sept. 16	
Rough-Winged Swallow.....			Aug. 20	Aug. 30	Rare
Tree Swallow.....	July 22	July 28	Aug. 15	Aug. 23	Rare
Cedar Waxwing.....			Oct. 3	Dec. 17	
Northern Shrike.....	Jan. 15			Jan. 31	Rare
Red-eyed Vireo.....	Sept. 19		Sept. 25	Oct. 12	Rare
Philadelphia Vireo.....	Aug. 28			Sept. 24	Rare
Yellow-throated Vireo.....				Oct. 2	Rare

	Earliest Arrival	Average Arrival	Average Departure	Latest Departure	Remarks
Blue-headed Vireo.....	Sept. 16	Sept. 19	Oct. 4	Oct. 21	
White-eyed Vireo.....	Aug. 6	Aug. 14	Sept. 24	Aug. 29	Rare
Black & White Warbler.....	Aug. 3			Oct. 8	
Worm-eating Warbler.....	Sept. 29			Sept. 29	Only one Fall Record
Blue-winged Warbler.....	Aug. 1	Aug. 15	Sept. 1	Sept. 19	
Golden-winged Warbler.....	Aug. 18	Aug. 20	Aug. 30	Oct. 2	Only one Fall Record
Brewster's Warbler.....	Aug. 17			Aug. 17	
Nashville Warbler.....	Aug. 13	Aug. 22	Sept. 15	Oct. 4	
Tennessee Warbler.....	Aug. 24	Sept. 5	Sept. 25	Oct. 10	
Parula Warbler.....	Sept. 20	Oct. 1	Oct. 4	Oct. 7	
Cape-May Warbler.....	Oct. 1			Oct. 1	Only one Fall Record
Yellow Warbler.....	Aug. 2	Aug. 14	Sept. 1	Sept. 7	
Black-throated Blue Warbler.....	Sept. 2	Sept. 20	Oct. 4	Oct. 11	
Myrtle Warbler.....	Sept. 9	Oct. 4	Oct. 25	Nov. 4	
Magnolia Warbler.....	Aug. 7	Sept. 1	Oct. 5	Oct. 13	
Chestnut-sided Warbler.....	Aug. 19	Sept. 1	Sept. 15	Oct. 4	
Bay-breasted Warbler.....	Sept. 25			Sept. 27	
Blackburnian Warbler.....	Sept. 24			Sept. 30	
Black-poll Warbler.....	Sept. 2	Oct. 4	Oct. 12	Oct. 29	Rare in Fall
Black-throated Green Warbler.....	Aug. 20	Sept. 5	Oct. 15	Oct. 21	Rare in Fall
Pine Warbler.....	Aug. 25	Sept. 12	Sept. 19	Sept. 29	
Yellow-Palm Warbler.....	Oct. 7	Oct. 12	Oct. 20	Nov. 13	
Prairie Warbler.....	Sept. 17		Sept. 24	Sept. 19	Rare
Ovenbird.....				Oct. 25	Breeding in 1921
Louisiana Waterthrush.....	Sept. 22			Aug. 20	
Waterthrush.....	Sept. 13	Sept. 16	Sept. 24	Oct. 4	Rare until 1928
Connecticut Warbler.....				Oct. 7	when 5 were seen

	Earliest Arrival	Average Arrival	Average Departure	Latest Departure	Remarks
Mourning Warbler.....	Oct. 1			7	Rare
Maryland Yellowthroat.....			Sept. 25	Oct. 12	
Yellow-Breasted Chat.....			Sept. 24	Oct. 14	
Wilson's Warbler.....	Aug. 24	Sept. 15	Sept. 16	Sept. 22	
Canada Warbler.....	Aug. 20	Aug. 24	Sept. 27	Oct. 8	
Redstart.....	July 29	Aug. 15	Oct. 1	Oct. 7	
Catbird.....			Oct. 15	Oct. 29	
Brown Thrasher.....			Oct. 4	Oct. 28	
Carolina Wren.....	Sept. 16		Sept. 29	Oct. 14	Rare
House Wren.....	Sept. 17	Oct. 10	Oct. 22	Oct. 21	1 Wintering in
Winter Wren.....				Oct. 31	1 in 1922-23
Long-billed Marsh Wren.....	Sept. 26	Oct. 1	Oct. 12	Oct. 29	1 in 1927-28
Brown Creeper.....	Sept. 23	Oct. 2	Oct. 22	Dec. 20	1 Wintered in
White-Breasted Nuthatch.....	Aug. 27	Oct. 10		Jan. 18	
Red-Breasted Nuthatch.....	Sept. 16	Oct. 12	Nov. 6		
Black Capped Chickadee.....	Oct. 29	Nov. 20	Nov. 22	Dec. 15	
Golden-Crowned Kinglet.....	Sept. 28	Oct. 4	Oct. 30	Dec. 1	
Ruby-Crowned Kinglet.....	Sept. 28	Oct. 8	Oct. 1	Nov. 6	
Wood Thrush.....	Sept. 1	Sept. 15	Oct. 2	Oct. 20	
Veery.....	Sept. 26			Sept. 26	Only one Fall Record
Gray-Cheeked Thrush.....					
Olive-Backed Thrush.....	Sept. 10	Sept. 22	Sept. 28	Oct. 5	
Hermit Thrush.....	Sept. 22	Oct. 10	Nov. 5	Nov. 20	A Few Winter
Robin.....			Resident		
Bluebird.....			Nov. 15	Dec. 4	