

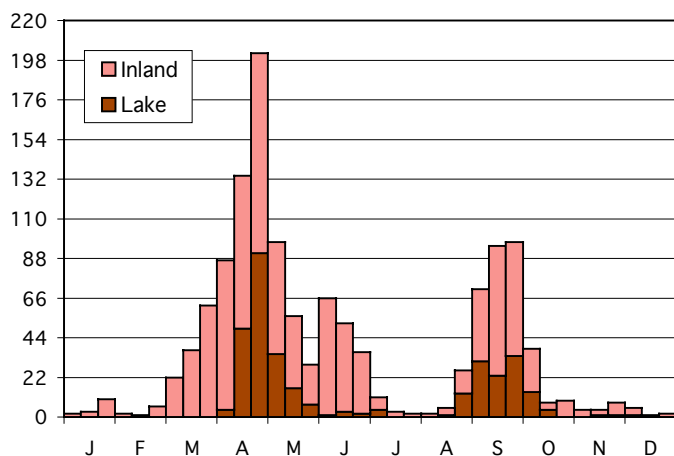
Pine Warbler

Dendroica pinus

Historical Information

First Published Record: Woodruff (1907) reported that E.W. Nelson found a large number of Pine Warblers, including adults and recent fledglings, in a Lake County pine grove 1 July 1874. This appears to represent Indiana's earliest published date.

Butler (1898) described the "Pine-creeping Warbler" as a generally rare migrant with a few local summering sites. Keller et al. (1979) considered it a rare migrant. Mumford and Keller (1984) concurred with Butler's assessment.



Status

Physical Evidence: Some 18 specimens are housed in museums (S.F. Jackson unpublished list, J.B. Dunning unpublished computer list, and Richards 1987).

STATUS TABLE				
Specimens				
Museum				No.
Chicago Field Museum				2
National Museum of Natural History				11
Indiana State Museum				1
Purdue Univ. Wildlife Laboratory				1
Univ. of Michigan Museum				3
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	8	6	7	7
Central Tier	7	6	8	6
Southern Tier	8	5	6	6
Entire State	7	5	6	6

Current Status

The Pine Warbler is a Fairly Common (5) to Uncommon (6) migrant, an Uncommon (6) summer resident, and a Rare (7) winter resident.

Occurrence

This rather nondescript warbler has been reported in at least 65 Indiana counties, but is most frequently encountered in the southern tier. By a ratio of two to one spring migrants are more common than fall birds, especially along the lakefront.

Longshore Flights

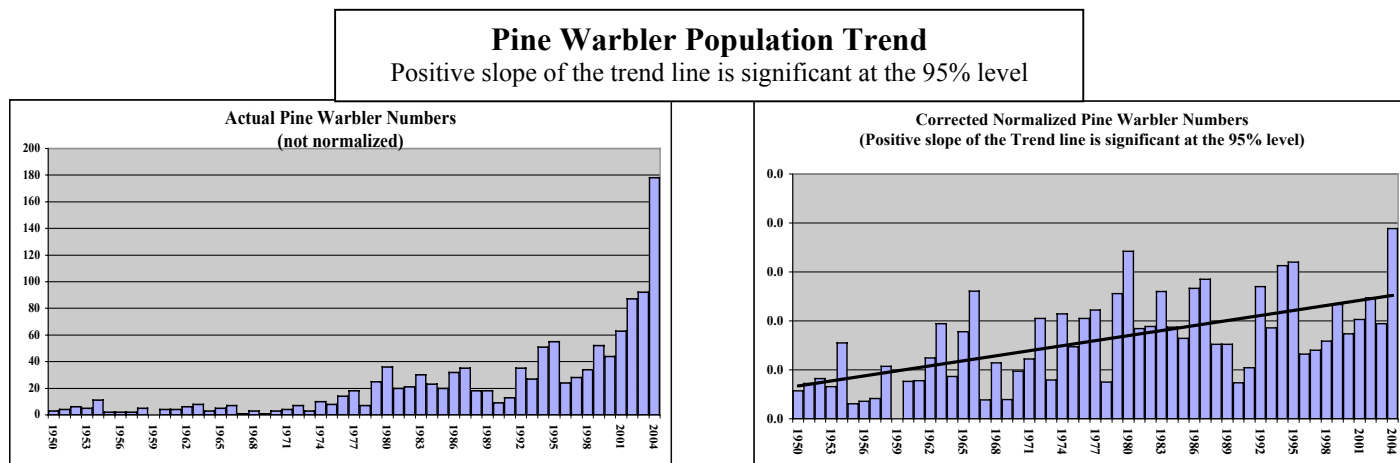
Although Pine Warblers are regular breeders in the southern tier, Indiana's largest daily count was recorded on the shores of Lake Michigan. On 17 April 2004 J.J. McCoy and five other observers counted 16 Pine Warblers migrating past the Dunes State Park green tower. Most of the birds landed briefly in trees adjacent to the observers.

Winter Records

Winter Pine Warblers were recorded in eleven of the past 20 years, providing a mean of about one bird per year. The maximum winter count consisted of five, reported by Lene Rauth in Clark County 27 January 1981 (Rauth records).

Population Trend

The 50-year population data suggest that Indiana's Pine Warbler population is increasing. Positive slope of the trend line is statistically significant at the 95 percent level.



Breeding

Mumford and Keller (1975) discussed the summer status of this warbler. Although Indiana's first Pine Warbler breeding report occurred in northern Lake County (Butler 1898 and Woodruff 1907), this species is primarily a summer resident of the southern tier. Indeed, evidence of breeding near the lakefront was not detected between 1874 and 2004 (Brock 2004). The Indiana Atlas project detected breeding evidence in three percent of the state's 647 priority blocks. Reports were concentrated in the southern tier (Castrale et al., 1998).

Pine Warbler Data

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
16	17-Apr-2004	Dunes St Park	J.J. McCoy	KJB
12	21-Apr-2003	State Line Woods	J.J. McCoy	INB
11	06-Apr-2001	Brown Co	C.L. Wood	INB
Fall				
Number	Date	Location	Observer	Ref.
13	20-Sep-2002	Dubois Co	T. Schwinghammer	INB
12	27-Sep-1986	Warrick Co	J.H. Campbell	NIQ
10	27-Sep-1949	N. Porter Co	D.H. Boyd	DBO

Migration Envelopes						
Spring						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	Win. Vis.	17-Apr	27-Apr	13-May	Sum. Res.	223
Central	Win. Res.	2-Apr	23-Apr	18-May	Sum. Res	62
South	Win. Res.	15-Mar	16-Apr	3-Jun	Sum. Res	181

Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	Sum. Res.	30-Aug	15-Sep	6-Oct	Win. Vis.	135
Central	Sum. Res.	1-Sep	22-Sep	22-Oct	Win. Res.	58
South	Sum. Res.	19-Aug	22-Sep	14-Oct	Win. Res.	79

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