

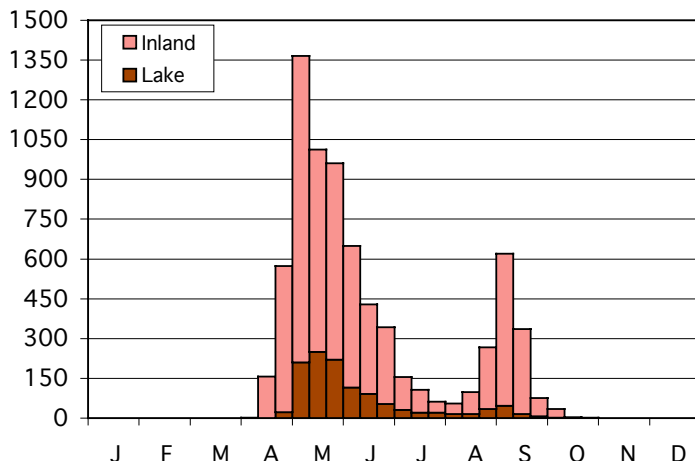
## Warbling Vireo

## *Vireo gilvus*

### Historical Information

First Published Record: A specimen collected in Franklin County 29 April 1879 (Mumford files) appears to constitute Indiana's earliest Warbling Vireo report.

Butler (1890) deemed this "beautiful songster" a common summer resident. Keller et al. (1979) characterized it as an abundant summer resident. The Warbling Vireo was considered a fairly common migrant and summer resident by Mumford and Keller (1984).



### Current Status

The Warbling Vireo is a Common (4) migrant and Fairly Common (5) summer resident.

### Occurrence

This woodland species is distributed widely across the state and has been reported in every Indiana county. A statewide average of about 261 birds per year has been recorded over the past 20 years. This is not a gregarious species; consequently maximum daily counts are modest, except for along the ten-mile drive at the Kankakee FWA, where daily counts exceeding 50 birds are commonplace.

### Migration

As illustrated in the migration histogram this drab vireo is encountered more often in spring than fall (by a ratio of more than two to one), a fact that is no doubt attributable, at least in part, to the increased vocalization of spring birds. Fall birds occasionally sing, as there are some 20 reports of singing in September. The latest of these was recorded at Boot Lake Preserve, Elkhart County, where J.K. Cassady heard one 20 September 2005 (pers. comm.).

### Extreme Record

A.W. Bruner and J.K. Cassady documented Indiana's latest Warbling Vireo record in Shades State Park on 26 October 1996 (Brock 1997).

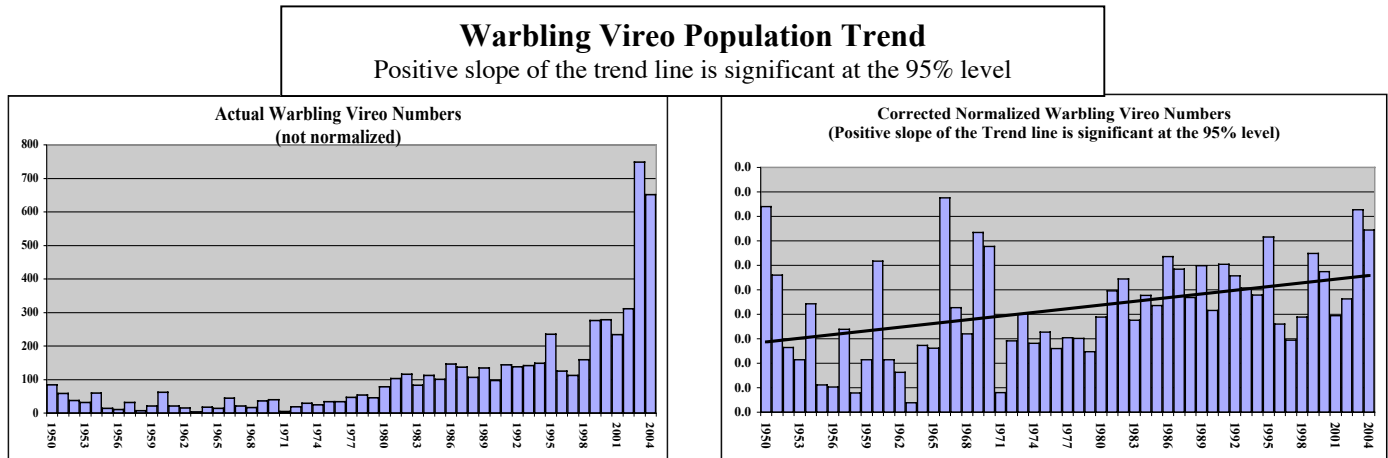
### Status

Physical Evidence: Some 11 specimens, plus eggs, are archived in North American museums (S.F. Jackson unpublished list and J.B. Dunning unpublished computer list).

STATUS TABLE				
Specimens				
Museum				No.
Chicago Academy of Sciences				4
Chicago Field Museum				3
National Museum of Natural History				2
Univ. of Michigan Museum				2*
Purdue Univ. Wildlife Laboratory				2
*Includes eggs				
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	n	4	5	5
Central Tier	n	5	6	5
Southern Tier	n	4	6	4
Entire State	n	4	5	4

## Population Trend

Castrale and Stratton (1988) found that summer Warbling Vireos were the most uniformly distributed vireos in Indiana; patterns suggested a general population increase in the state. This result is consistent with the 50-year trend, which shows a positive trend line that is statistically significant at the 95 percent level.



## Breeding

Castrale et al. (1998) found breeding evidence in 84 percent of Indiana's 647 priority blocks with reports in every county. Mumford and Keller (1984) listed egg dates from 19 May through 7 July.

## Warbling Vireo Data

Largest Single Party Counts				
Spring/Summer				
Number	Date	Location	Observer	Ref.
93	02-Jun-1995	Kankakee FWA	R.S. Plank	IAQ
91	30-Jun-2004	S.E. Indiana	B.K. Jackson	BKJ
85	05-Jun-2004	Kankakee FWA	J.K. Cassady	KJB
Fall				
Number	Date	Location	Observer	Ref.
20	01-Oct-1989	Lake Gibson	G. & L. Bowman	IQM
14	14-Sep-1986	Adams Co	Sandy Schacht	NIQ
14	29-Aug-2005	LaSalle FWA	Jed Hertz	INB

Migration Envelopes						
Spring/Summer						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	16-Apr-2003	1-May	13-May	2-Jun	Sum. Res.	884
Central	16-Apr-2002	24-Apr	9-May	28-May	Sum. Res.	369
South	8-Apr-2001	18-Apr	1-May	2-Jun	Sum. Res.	113

Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records
<b>North</b>	Sum. Res.	17-Aug	4-Sep	17-Sep	16-Oct-1990	426
<b>Central</b>	Sum. Res.	26-Aug	9-Sep	25-Sep	26-Oct-1996	177
<b>South</b>	Sum. Res.	24-Aug	8-Sep	21-Sep	4-Oct-1997	108

### References Cited

Brock, K.J. (1997) Middlewestern Prairie Region, Autumn Season 1996, *Nat. Audubon Soc. Field Notes* 51:62-67.

Butler, A. W. (1890) The Birds of Indiana, Appendix to *Transactions of the Indiana Horticultural Society for 1890* (available on the web).

Castrale, J.S., E.M. Hopkins, and C.E. Keller (1998) Atlas of breeding Birds of Indiana, Indiana Department of Natural Resources, 388 pp.

Castrale, J.S. and J.A. Stratton (1988) Summer Distribution and Population Trends of Vireos in Indiana, *Indiana Audubon Quarterly*, 66:85-93.

Keller, C.E., S.A. Keller, and T.C. Keller (1979) *Indiana Birds and Their Haunts*, Indiana University Press, Bloomington, Ind. 214 pp.

Mumford files: An extensive accumulation of Indiana bird data on 5x7 file cards compiled by Professor R.E. Mumford of Purdue University, West Lafayette.

Mumford, R.E. and C.E. Keller (1984) *The Birds of Indiana*, Indiana University Press, Bloomington, Ind. 376 pp.