

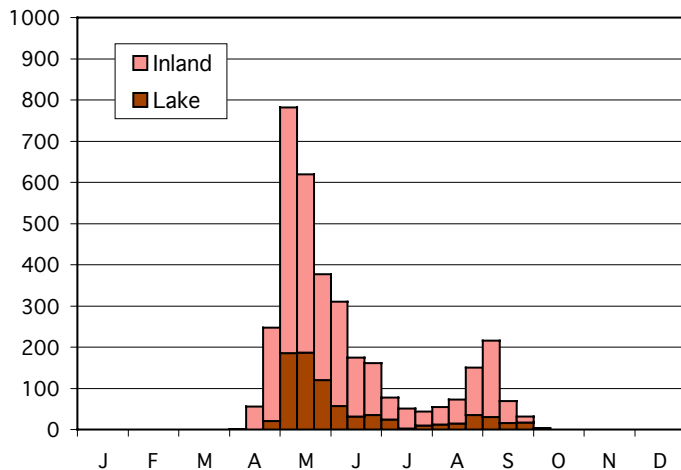
Blue-winged Warbler

Vermivora pinus

Historical Information

First Published Record: Indiana's earliest formal record consisted of a Blue-winged Warbler collected in Franklin County on 3 May 1881 (Mumford files).

Butler (1898) described this warbler as generally common. Keller et al. (1979) considered it a fairly common migrant and uncommon summer resident. Mumford and Keller (1984) deemed the Blue-winged Warbler a common migrant and fairly common summer resident in the southern two-thirds of the state.



Current Status

The Blue-winged Warbler is a Fairly Common (5) summer resident and Common (4) to Uncommon (6) migrant.

Occurrence

This warbler is found throughout the state in migration and has been reported in more than 79 counties. It is most frequently encountered during spring migration, becomes quite local in summer, and executes a weak fall flight (see migration histogram). Indeed, only about one-quarter as many birds are recorded in fall as in spring.

Extreme Records

Mumford and Keller (1984) mentioned a 22 October record, but provided no year or reference. Four fully dated October records exist; B.J. Grube reported the latest of these at Beverly Shores on 6 October 2002 (IN-BIRD).

Hybrids

Both Brewster's and Lawrence's hybrids have been reported, with the former being considerably more common. Indeed, some 126 Brewster's have been reported compared to 17 Lawrence's.

Status

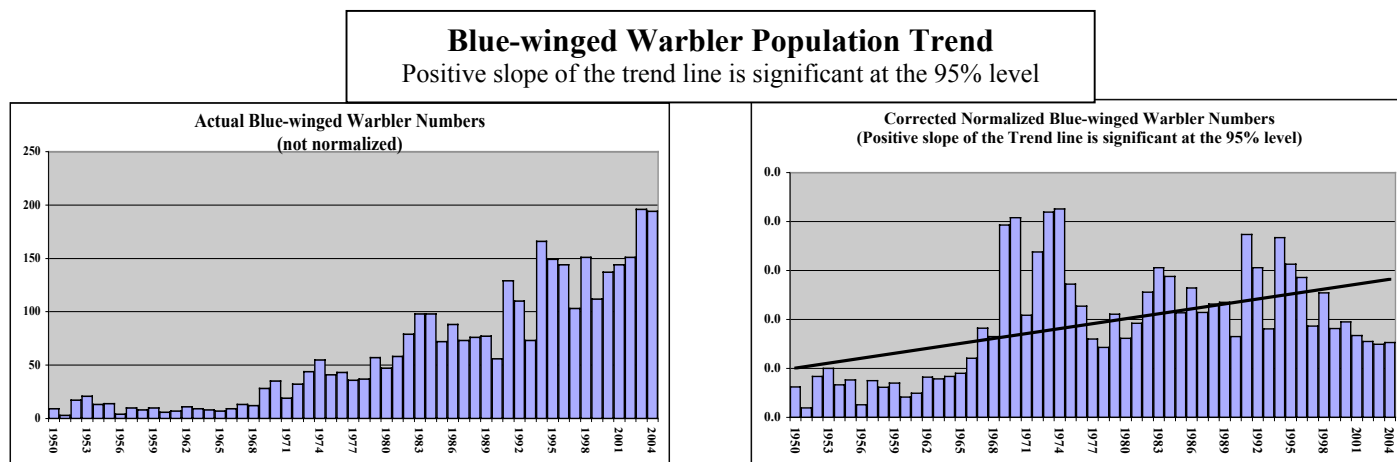
Physical Evidence: At least 20 specimens are archived in museums (S.F. Jackson unpublished list and Richards 1987).

STATUS TABLE				
Specimens				
Museum				No.
Carnegie Museum of Natural History				3
National Museum of Natural History				7
Indiana State Museum				1
Univ. of Michigan Museum				4
Milwaukee Public Museum				2
Philadelphia Academy of Sciences				3
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	n	4	6	6
Central Tier	n	6	7	6
Southern Tier	n	5	4	6
Entire State	n	4	5	6

Additionally, typical appearing Blue-winged and Golden-winged adults have often been observed singing the song of the other species.

Population Trend

The 50-year population plot suggests an increasing Blue-winged Warbler population. Positive slope of the trend line is statistically significant at the 95 percent level.



Breeding

Castrale et al. (1998) collected breeding evidence in 19 percent of the state's 647 priority blocks; this evidence was concentrated in the southern tier, but breeding was confirmed in all three tiers. Mumford and Keller (1984) listed egg dates from 12 May through 24 June, but noted that the latter nest might have been deserted.

Blue-winged Warbler Data

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
23	14-May-1994	Potato Cr. S.P.	J.K. Cassady	JKC
21	13-May-1995	Potato Cr. S.P.	J.K. Cassady	JKC
20	19-May-2004	Jackson Co	Michael Clark	INB
Fall				
Number	Date	Location	Observer	Ref.
10	05-Sep-1984	Atterbury FWA	Boyd Gill	IAQ
8	7-Sep-1952	Brown Co	???	M&K
6	17-Aug-1983	Brown Co	Sue Owens	IAQ

Migration Envelopes						
Entire State						
	Earliest	Arrive	Peak	Depart	Latest	Records
Spring	10-Apr-1963	27-Apr	11-May	4-Jun	Sum. Res.	1209
Fall	Sum. Res.	12-Aug	2-Sep	17-Sep	6-Oct-2002	438

References Cited

Butler, A. W. (1898) *The Birds of Indiana*, Indiana Department of Geology and Natural Resources Annual Report, 22:575-1187.

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

IN-BIRD, a Listserve dealing with Indiana birds developed and maintained by P.W. Kelly. The records are archived at: <http://listserv.indiana.edu/archives/in-bird-l.html>

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.

Richards, R.L. (1987) The Vertebrate Collection of the Indiana State Museum: "Old" Specimens and Records, *Proceedings of the Indiana Academy of Science* 97:547-570.

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