

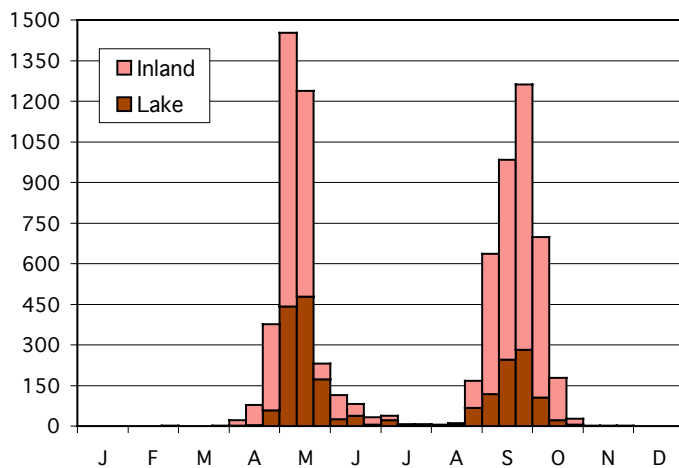
## Black-throated Green Warbler

## *Dendroica virens*

### Historical Information

First Published Record: Indiana's earliest published Black-throated Green Warbler record occurred in Lake County 24 May 1879 (Butler 1898).

Butler (1898) characterized the Black-throated Green Warbler as a very common migrant. Keller et al. (1979) noted a few summer records and considered it a common migrant. Mumford and Keller (1984) deemed this warbler a common spring and fall migrant.



### Status

Physical Evidence: Almost two-dozen specimens are archived in museums (S.F. Jackson unpublished list and J.B. Dunning unpublished computer list).

STATUS TABLE				
Specimens				
Museum				No.
Chicago Field Museum				2
National Museum of Natural History				12
Purdue Univ. Wildlife Laboratory				4
Univ. of Michigan Museum				4
Milwaukee Public Museum				1
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	n	4	6	4
Central Tier	n	5	6	4
Southern Tier	n	5	6	4
Entire State	n	4	6	4

### Current Status

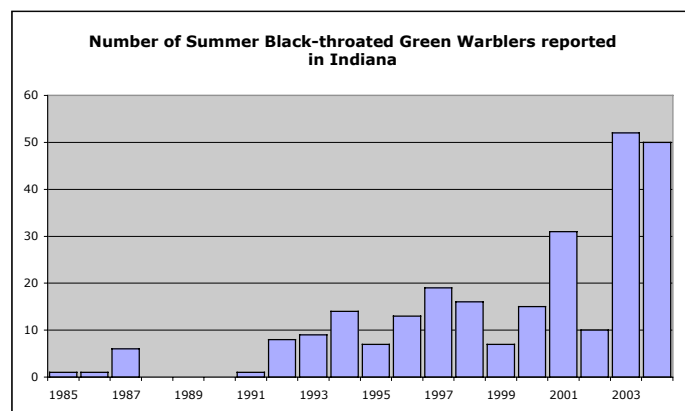
The Black-throated Green Warbler is a Common (4) migrant and Uncommon (6) summer resident.

### Occurrence

This widespread *Dendroica* warbler has been reported in some 77 Indiana counties and occurs in approximately equal numbers in both spring and fall migrations. It ranks among the top ten most abundant warblers in both spring and fall (see the rankings table in Warbler Overview).

### Summer Records

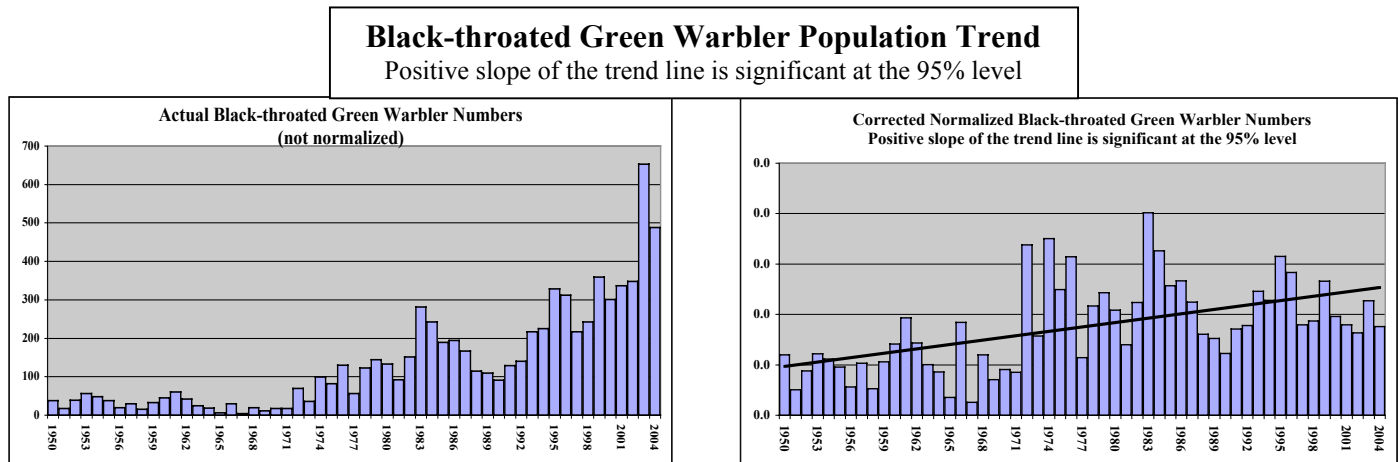
In recent years the number of summer Black-throated Green Warblers has increased dramatically (see graph). Over the past two decades an average of 14 summer birds per year has been tallied; however, 50 or more were logged in 2003 and 2004. The largest daily summer count of 14, was logged by L.W. Sterrenburg during a 6 June 2003 Breeding Bird Survey that traversed portions of Jackson and Monroe



Counties. S.R. Bagby recorded early July Black-throated Green Warblers in the Indiana Dunes every year since 1995.

### Population Trend

Positive slope of the trend line is statistically significant at the 95 percent level.



### **Breeding**

Indiana's first confirmed breeding record occurred in the Indiana Dunes National Lakeshore near Beverly Shores (Porter County). In early June 1983 S.F. Jackson heard a singing male in this area, and on 15 June 1983 Fred Kase observed a female carrying nesting material. On 10 July 1983 a fledgling was discovered on the ground, being fed by the adults (Brock 1984). Castrale et al. (1998) reported nesting evidence in five Indiana counties: Brown, Fayette, Monroe, St. Joseph, and Wabash.

### **Black-throated Green Warbler Data**

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
40	08-May-1999	Indiana Dunes	L.S. Hinchman	BMC
31	11-May-1996	Kosciusko Co	Steve Doud	SDo
30	10-May-1996	Kankakee FWA	R.S. Plank	IAQ
Fall				
Number	Date	Location	Observer	Ref.
31	27-Sep-1998	Eagle Creek Park	S.A. Pancol	IQM
30	17-Sep-1982	Lake Waveland	A.W. Bruner	REM
29	29-Sep-1984	Fox Island Park	J.A. Haw	IAQ

Migration Envelopes						
Spring						
	Earliest	Arrive	Peak	Depart	Latest	Records
<b>North</b>	4-Apr-1959	30-Apr	10-May	23-May	Sum. Res.	904
<b>Central</b>	3-Apr-1956	26-Apr	9-May	21-May	Sum. Res.	268
<b>South</b>	25-Mar-1975	18-Apr	2-May	26-May	Sum. Res.	163

Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records
<b>North</b>	Sum. Res.	2-Sep	21-Sep	7-Oct	31-Oct-1974	1036
<b>Central</b>	Sum. Res.	5-Sep	24-Sep	9-Oct	21-Nov-1982	346
<b>South</b>	Sum. Res.	8-Sep	26-Sep	12-Oct	5-Nov-2002	312

### References Cited

Brock, K.J. (1984) Field Notes; Summer, 1983, *Indiana Audubon Quarterly*, 62:67-70.

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.

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

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

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