

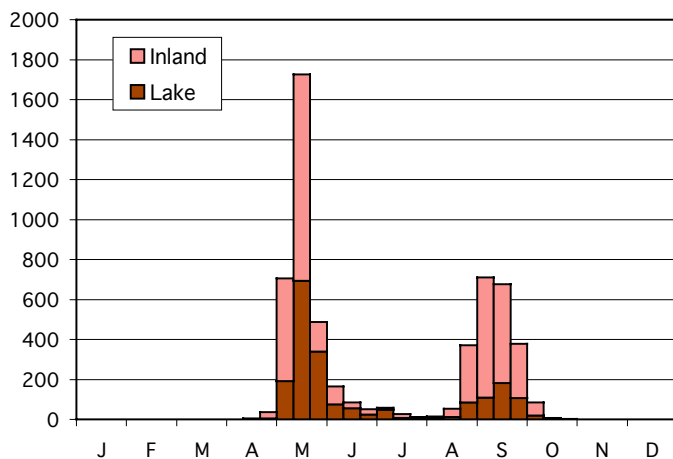
## Chestnut-sided Warbler

## *Dendroica pensylvanica*

### Historical Information

First Published Record: A Chestnut-sided Warbler reported in Knox County 9 May 1875 (Butler 1898), appears to constitute the state's earliest published record.

Butler (1898) considered this warbler a common migrant most years, but occasionally rather rare. Keller et al. (1979) described it as a fairly common migrant and very rare summer resident. Mumford and Keller (1984) mentioned nesting reports, but provided no status assessment.



### Status

Physical Evidence: At least 23 Indiana specimens are preserved in museums (S.F. Jackson unpublished list and J.B. Dunning unpublished computer list).

STATUS TABLE				
Specimens				
Museum				No.
Carnegie Museum of Natural History				3
Chicago Academy of Sciences				1
National Museum of Natural History				12
Purdue Univ. Wildlife Laboratory				1
Univ. of Michigan Museum				3
Milwaukee Public Museum				3
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	n	4	6	4
Central Tier	n	6	7	5
Southern Tier	n	6	7	4
Entire State	n	4	6	4

### Current Status

The Chestnut-sided Warbler is an Uncommon (6) summer resident and Common (4) migrant.

### Occurrence

This colorful warbler is frequently encountered among the migrant warbler flocks; records exist for at least 73 counties. Outside the northern tier it is rare in summer. Over the past 20 years an average of 215 birds has been reported annually. Numbers have increased in recent decades, especially summering birds.

### Summer Records

In contrast to Butler's era, the Chestnut-sided Warbler is now a rare, but regular, summer resident. It has been reported annually over the past 20 summers with an average of 14.8 birds per year.

### Extreme Record

Due to the absence of singing, large daily counts occur far less frequently in fall. Consequently, the 38 Chestnut-sided Warblers tallied by C.L. Wood on 13 September 2000, is most remarkable. According to the observer, a portion of these birds were counted during "the morning flight," when migrants reoriented after dawn to find appropriate feeding habitat (IN-BIRD).



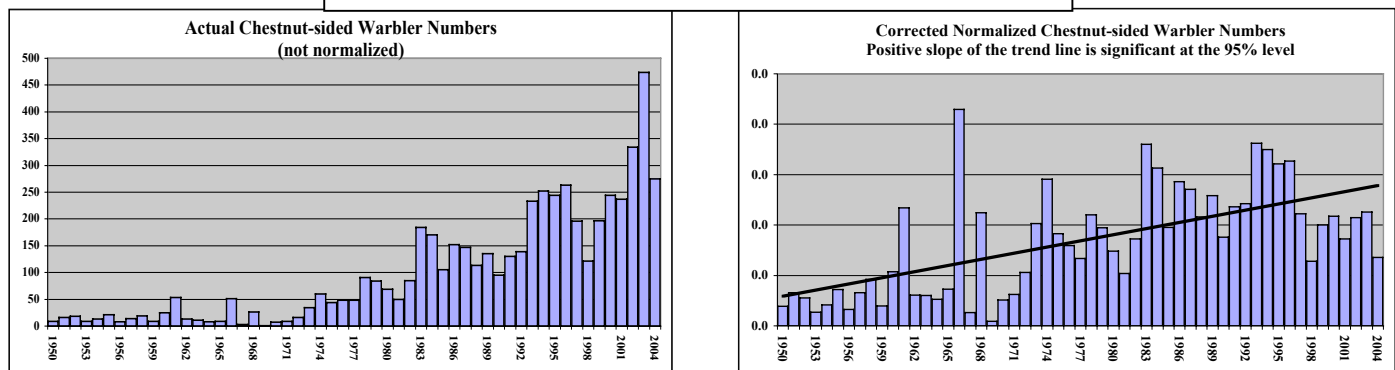
Alternate male Chestnut-sided Warbler at Potato Creek State Park, 13 May 2006. Photo by J.K. Cassady.

### Population Trend

The 50-year population data indicate that Chestnut-sided Warbler numbers have increased in Indiana. Positive slope of the trend line is statistically significant at the 95 percent level.

### **Chestnut-sided Warbler Population Trend**

Positive slope of the trend line is significant at the 95% level



### **Breeding**

The Indiana Atlas project reported breeding evidence in four percent of the state's 647 priority blocks (Castrale et al. 1998). These were primarily in the northern tier; however, a small cluster of reports came from Hoosier National Forest in Monroe and Brown Counties. Nests, some of which were under construction, have been reported between 2 June and 7 July.

### Chestnut-sided Warbler Data

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
40	09-May-2002	Multiple Sites*	J.A. Haw	INB
40	25-May-2003	Lakefront	B.J. Grube	INB
25	20-May-1987	Whiting Park	B. Atzhorn (Squires)	BoS
*30 at Franke Park and 10 at Fox Island Park				
Fall				
Number	Date	Location	Observer	Ref.
38	13-Sep-2000	Lake Monroe	C.L. Wood	INB
15	25-Aug-1989	Fox Island Park	J.A. Haw	Haw
14	10-Sep-1994	Fox Island Park	J.A. Haw	Haw

Migration Envelopes						
Spring						
	Earliest	Arrive	Peak	Depart	Latest	Records
<b>North</b>	20-Apr-1986	8-May	16-May	29-May	Sum. Res.	857
<b>Central</b>	12-Apr-1994	4-May	14-May	22-May	Sum. Vis.	234
<b>South</b>	18-Apr-1950	1-May	10-May	31-May	Sum. Vis.	110
Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records
<b>North</b>	Sum. Res.	25-Aug	10-Sep	26-Sep	13-Oct-1979	737
<b>Central</b>	Sum. Vis.	29-Aug	15-Sep	30-Sep	21-Oct-1986	296
<b>South</b>	Sum. Vis.	30-Aug	15-Sep	3-Oct	24-Oct-1974	223

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

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