

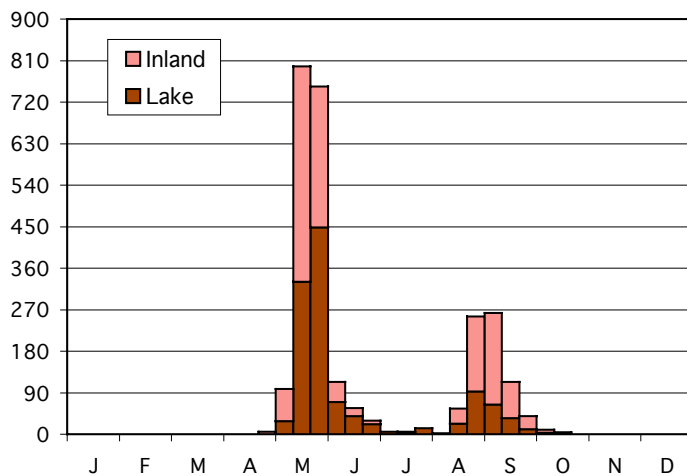
Canada Warbler

Wilsonia canadensis

Historical Information

First Published Record: Indiana's earliest published Canada Warbler record was reported in Lake County 9 May 1877 (Butler 1898).

Butler (1898) reported that the "Canadian Warbler" was a tolerably common migrant, usually more common in fall. Keller et al. (1979) considered it a fairly common migrant and casual summer resident in the north. Mumford and Keller (1984) deemed the Canada Warbler a fairly common migrant and a rare and local summer resident across the northern end of the state.

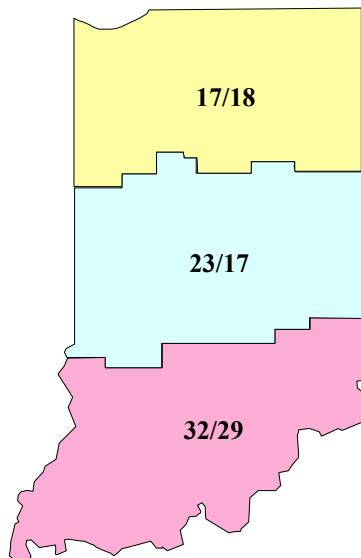


Status

Physical Evidence: At least a dozen specimens are archived in museums (S.F. Jackson unpublished list and J.B. Dunning unpublished computer list).

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

Spring and Fall (Spr/Fall) Abundance Rankings of the Canada Warbler Across Three Tiers



Current Status

The Canada Warbler is a Fairly Common (5) spring migrant and is Uncommon (6) in summer and fall.

Occurrence

The Canada Warbler has been recorded in at least 64 Indiana counties. Across the entire state this warbler is of mid-range abundance as a migrant, ranking 21st in spring and 18th in fall; however, as shown on the adjacent map, it ranks higher in the northern tier than in the southern tier.

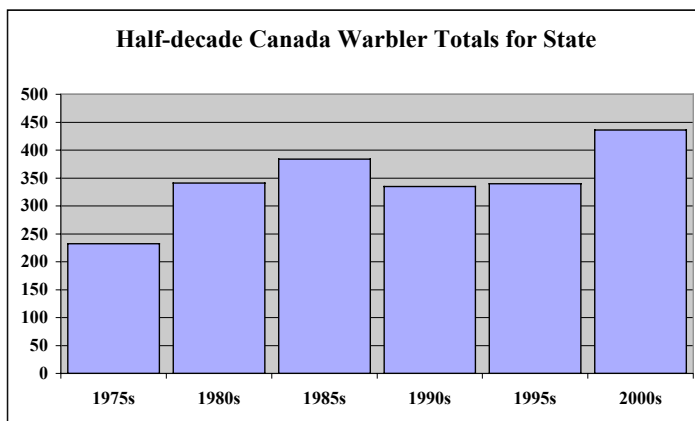
Summer Records

More than 130 summer records exist, primarily from the northern tier; indeed only one summer record exists for the southern tier. Summer Canada Warblers were reported in 18 of the past 20 years with a mean season total of 5.7 per annum.

Population Trend

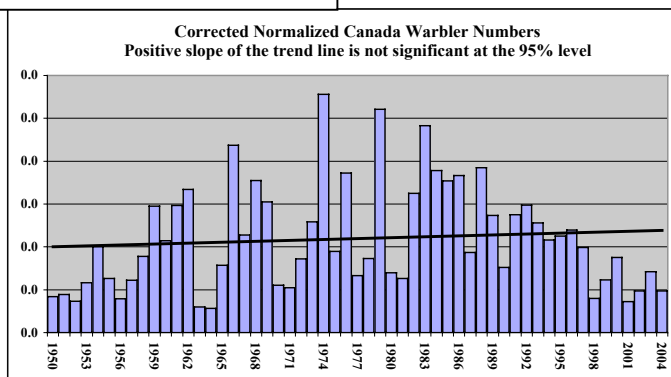
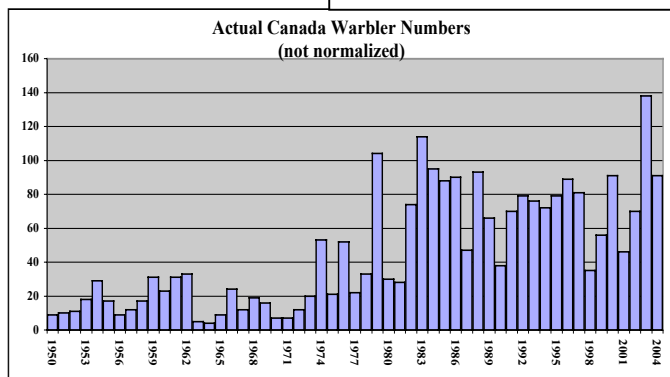
Abundance ranking data (see Warbler Overview) suggest that Canada Warbler numbers have declined in recent years.

The rather flat 30-year plot of half-decade counts substantiates this contention (see graph). In contrast, the 50-year population data reveal a slightly positive slope to the trend line, which is not significant at the 95 percent level. Note, however, that the normalized plot suggests a decline since the mid-1980s.



Canada Warbler Population Trend

Positive slope of the trend line is not significant at the 95% level



Breeding

In view of the numerous summer records northern-tier observers invested considerable time looking for the state's first nest. The first breeding evidence occurred in 1958 when Raymond Grow found adults feeding a fledgling Brown-headed Cowbird in the Dunes (Mumford and Keller 1975). Various subsequent observations also suggested breeding, but a nest was not discovered until 16 June 1978 when L.A. Casebere found one, containing an egg and two young, at Pigeon River FWA (Casebere 1979). Castrale et al. (1998) reported nesting evidence only in Parke and Porter Counties.

Canada Warbler Data

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
22	25-May-2003	Lakefront	B.J. Grube	INB

20	23-May-1959	Tippecanoe Co	I.W. Burr	IAQ
19	22-May-1988	Dunes St Park	Steve Getty	KJB
Fall				
Number	Date	Location	Observer	Ref.
11	28-Aug-2004	Lakefront traps	J.K. Cassady	KJB
7	19-Aug-1988	Lakefront	K.J. Brock	KJB
6	28-Aug-1932	Elkhart Co	R.J. Fleetwood	DNR

Migration Envelopes						
Spring						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	28-Apr-1903	12-May	21-May	31-May	Sum. Res.	629
Central	30-Apr-1986	10-May	20-May	30-May	Sum. Vis.	184
South	18-Apr-1881	8-May	15-May	25-May	30-May-1994	55
Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	Sum. Res.	20-Aug	1-Sep	16-Sep	10-Oct-1989	351
Central	Sum. Vis.	22-Aug	5-Sep	25-Sep	14-Oct-1985	177
South	17-Aug-1980	25-Aug	6-Sep	20-Sep	13-Oct-1991	48

References Cited

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

Casebere, L.A. (1979) Nesting Record for the Canada Warbler in LaGrange County, *Indiana Audubon Quarterly*, 57:113-117.

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 (1975) An Annotated Check List of Indiana Birds, *Indiana Audubon Quarterly*, 53:28-59.

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