

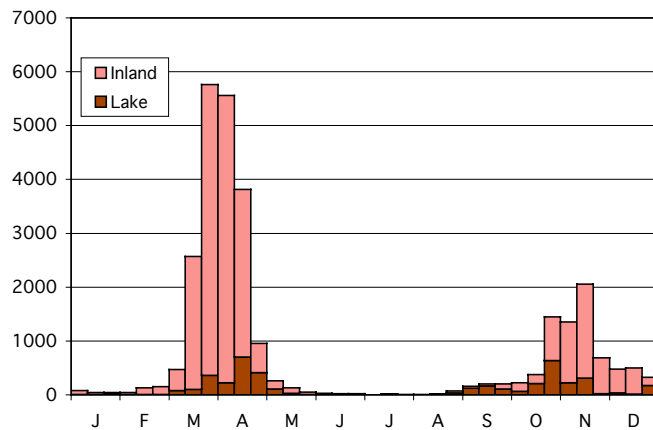
## Northern Shoveler

## *Anas clypeata*

### Historical Information

First Published Record: Indiana's first formally dated record involved a male collected in Carroll County 18 March 1879 (Mumford files).

Butler, (1898) characterized the Shoveler as a "not common" migrant, a rare summer resident, and possible winter resident. Keller et al. (1979) referred to it as fairly common in spring, uncommon in fall, and casual in winter; Mumford and Keller (1984) concurred with this assessment.



### Current Status

The Northern Shoveler might be considered a permanent resident, as it occurs in Indiana year-round, but numbers are reduced in winter and especially during summer. It is a Very Common (3) spring and fall migrant.

### Occurrence

The Shoveler joins the throng of dabblers that moves through Indiana each migration; it has been reported in more than 70 counties.

### Winter Records

More than twenty records exist for each of the three winter months. The maximum winter count consists of more than 400 birds counted by Robert Kissel 18 December 2001 at the Sullivan sewage lagoons, Sullivan County (Pamela and T.C. Keller, 2002).

### Summer Records

Some 26 records exist for the summer period, of which 23 occurred in the last two decades. An adult and eleven young, seen at Willow Slough FWA by T.T. Cable 20 June 1979 (Mumford files), constitute the largest summer count.

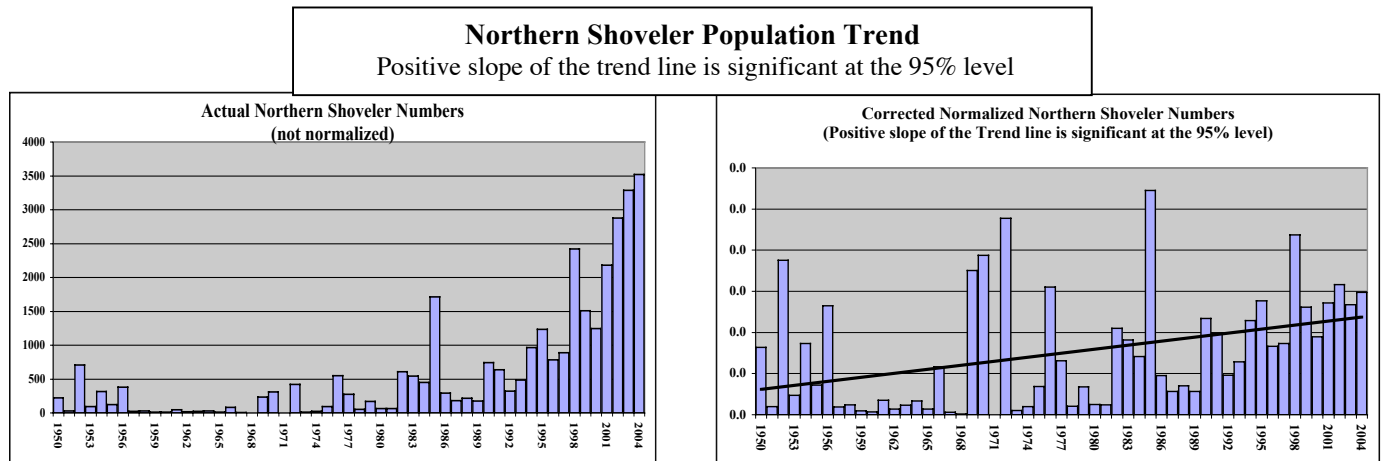
### Status

Physical Evidence: Eight skins, plus eggs, are housed as indicated in the Status Table (S.F. Jackson unpublished list and J.B. Dunning unpublished computer list).

STATUS TABLE				
Specimens				
Museum				No.
Chicago Academy of Sciences				1*
Chicago Field Museum				2
National Museum of Natural History				1
Indiana State Museum				1
Purdue Univ. Wildlife Laboratory				4
*Includes eggs				
20-Year Abundance Table				
	Win	Spr	Sum	Fall
Northern Tier	5	3	7	4
Central Tier	5	4	9	4
Southern Tier	6	3	7	4
Entire State	4	3	7	3

## Population Trend

As shown in the Population Trend plots, Northern Shoveler numbers have increased over the past half-century. Positive slope of the trend line is statistically significant at the 95 percent level.



## Breeding

The Northern Shoveler is a casual breeder in Indiana. Ruthven Deane discovered Indiana's first nest, which contained nine fresh eggs, at English Lake in Starke County May 4, 1890 (Butler, 1898). Mumford and Keller (1984) reported occasional nesting in northern Indiana and note five additional nesting records (Lake and Newton Counties). Surprisingly, the Indiana Atlas project produced confirmed breeding evidence in Clay and Warrick Counties (Castrale et al., 1998).

## Northern Shoveler Data

Maximum Single Party Counts				
Spring				
Number	Date	Location	Observer	Ref.
1000	28-Mar-1985	Gibson Co	C.E.Mills	IAQ
850	12-Apr-1998	Kankakee FWA	J.J. McCoy	IQM
500	20-Mar-1976	Lake Gibson	C.E. Mills	REM
Fall/Winter				
Number	Date	Location	Observer	Ref.
450	12-Nov-1998	Lake Monroe	D.R. Whitehead	INB
400	14-Nov-1990	Turtle Cr. Res.	DNR- staff	BBC
400	18-Dec-2001	Brazil Lagoons	Bob Kissel	IAQ

Migration Envelopes						
Spring						
	Earliest	Arrive	Peak	Depart	Latest	Records
North	Win. Res.	17-Mar	7-Apr	1-May	Sum. Res.	690
Central	Win. Res.	14-Mar	3-Apr	4-May	Sum. Res.	119
South	Win. Res.	11-Mar	28-Mar	21-Apr	Sum. Res.	222
Fall						
	Earliest	Arrive	Peak	Depart	Latest	Records

<b>North</b>	Sum. Res.	9-Sep	23-Oct	18-Nov	Win. Res.	287
<b>Central</b>	Sum. Res.	1-Oct	4-Nov	25-Nov	Win. Res.	93
<b>South</b>	Sum. Res.	16-Sep	2-Nov	23-Nov	Win. Res.	116

### 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.

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

Keller, Pamela and T.C. Keller (2002) Field Notes Winter 2001-2002, *Indiana Audubon Quarterly*, 80:181-193.

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.