

1979
SUPPLEMENTAL INFORMATION ON
KIRTLAND'S WARBLER MANAGEMENT

POPULATION: Kirtland's Warbler Census - Singing Male Count

<u>County</u>	<u>Singing Males(1977)</u>	<u>Singing Males (1978)</u>
Crawford	78	71
Iosco	0	2
Kalkaska	11	16
Ogemaw	62	40
Oscoda	59	62
Roscommon	7	2
Wexford	1	0
SUBTOTAL	218 (within MI)	193 (within MI)
Ontario	1	1
Wisconsin	0(was not censused)	2
Quebec	0(was not censused)	1
SUBTOTAL	1(out of State)	4*(out of State)
TOTAL	219	197

*The Kirtland's Warbler habitat inventory and census was expanded to portions of Wisconsin, Ontario, and Quebec during 1978. Two male Kirtland Warbler's (unmated) were found in west central Wisconsin. One lone male Warbler was also found in each of the provinces of Ontario and Quebec. One of the male Warblers in Wisconsin and the male found in Quebec were both originally banded as nestlings in the Mio-Grayling area.

PROTECTION: All nesting areas on the State Forests and the Huron National Forest are CLOSED TO ENTRY by the public between May 1 and August 15, EXCEPT tours conducted by authorized U.S. Forest Service and Fish & Wildlife Service personnel. Tours will originate at the following places and schedules:

1980
 U.S. Forest Service Ranger Station - MIO -
 7 AM and 11 AM daily EXCEPT WEDNESDAYS
 between May 15 and July 25.

Michigan DNR Field Office - Grayling - 7 AM
 and 11 AM daily between May 15 and July 8.

COWBIRD CONTROL: The intensive trapping of cowbirds was continued in 1978. As a result nest parasitism by cowbirds was again low and the fledgling success for young warblers remained high. An analysis of nest production and population data for the Kirtland's Warbler shows that had the production of young warblers not been increased after 1971, their population would have continued to decline. This indicates that continued elimination of cowbirds from Kirtland's Warbler nesting areas will be necessary to maintain and eventually increase the warbler population.

NESTING HABITAT: Some 125,000 acres of jack pine stands have been identified as suitable for managing for Kirtland's Warbler nesting habitat on State and National lands. Cutting and regenerating new jack pine stands is to be done on 35,000 of these acres over the next 10 years. After that an average of 2,400 acres are to be harvested and regenerated annually to sustain nesting habitat.

WINTER RANGE & MIGRATION: There have been no comprehensive studies made on the migratory and winter biology of this species. Study proposals have now been made to obtain the information needed to protect and manage those elements of the birds life cycle. If these proposals are funded, the studies will commence this year.

S.A.P. 3/8/78

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