

KIWA MAPS Station Summary 2000-2002
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MAPS (Monitoring Avian Productivity and Survivorship) is a standardized, constant effort mist netting and banding program during the breeding season that first started in 1989. MAPS is administered by the Institute for Bird Populations (IBP) in Point Reyes, California.

Ten 12-meter mist nets are operated for 6 hours once every 10 day period starting, at this latitude, May 31 and ending August 8. All birds caught in the nets are banded with an U.S. Fish and Wildlife Service band. A variety of data such as species, age, sex, and plumage characteristics are gathered for each bird caught. All bird species seen or heard during station operation are listed, with highest breeding status observed. Any breeding activity such as copulation, nests, and territorial singing are noted.

The station is located in Ogemaw Co., T24N, R1E, section 34. The habitat is mature Jack Pine resulting from a 1946 fire. There were 29 Kirtland's Warblers found here on the 1961 census.

After talking with IBP personnel, a new station will be operated in 2003 in Roscommon County (T23N, R1W, section 1), at the old St. Helen KW color-banding site. This move is the result of the small number of birds captured at the Ogemaw County site. The St. Helen site has cover closer to the ground than the Ogemaw site, and should result in a greater number of birds captured.

In three years of operation, there were 34 new (Table 1) and 5 recaptures (Table 2) in 958.5 net-hours (Table 3). One of the Yellow-rumped Warblers recaptured in 2002 was originally banded 2 nets away in 2000.

The Breeding Status List (Table 4) is used to record the highest hierarchical breeding status observed during each banding period. The table below contains the highest breeding status observed per year. Codes used: B = breeder. L = likely breeder. T = transient. -- = absent.

Table 1. New Captures

Species	2000	2001	2002	Total
Blue Jay	3	0	0	3
Black-capped Chickadee	0	0	2	2
White-breasted Nuthatch	0	1	0	1
Brown Creeper	0	0	1	1
Hermit Thrush	2	1	1	4
American Robin	4	0	0	4
Cedar Waxwing	0	0	3	3
Yellow-rumped Warbler	2	0	3	5
Ovenbird	4	1	1	6
Chipping Sparrow	0	0	1	1
Dark-eyed Junco	0	0	3	3
Purple Finch	0	0	1	1
Total	15	3	16	34

Table 2. Recaptures

Species	2000	2001	2002	Total
Black-capped Chickadee	0	0	1	1
Hermit Thrush	1	0	0	1
American Robin	1	0	0	1
Yellow-rumped Warbler	0	0	2	2
Total	2	0	3	5

Table 3. Net-hours

2000	2001	2002	Total
360	298.5	300	958.5

Table 4. MAPS Breeding Status List

Species	2000	2001	2002
Northern Goshawk	T	--	--
Broad-winged Hawk	--	--	T
Ruffed Grouse	B	L	--
Morning Dove	--	--	T
Downy Woodpecker	T	T	T
Hairy Woodpecker	--	T	T
Northern Flicker	--	--	T
Red-eyed Vireo	--	T	B
Blue Jay	B	B	B
American Crow	T	T	T
Common Raven	T	T	T
Black-capped Chickadee	B	B	B
Red-breasted Nuthatch	L	B	B
White-breasted Nuthatch	--	T	T
Brown Creeper	--	--	T
House Wren	B	B	B
Golden-crowned Kinglet	T	--	--
Eastern Bluebird	--	--	T
Hermit Thrush	B	B	B
American Robin	B	B	B
Cedar Waxwing	L	B	B
European Starling	--	--	T
Nashville Warbler	B	B	B
Yellow-rumped Warbler	B	B	B
Ovenbird	B	B	B
Scarlet Tanager	L	B	B
Chipping Sparrow	B	B	B
Dark-eyed Junco	B	B	B
Indigo Bunting	T	T	B
Red-winged blackbird	T	T	--
Brown-headed Cowbird	T	--	T
Purple Finch	--	--	B
American Goldfinch	T	T	T
Evening Grosbeak	T	--	--