

Operation Type:	SWAMP Banding	Powdermill <sup>1</sup> Banding	Manomet <sup>2</sup> Banding	Braddock <sup>3</sup> Banding	Atlantic <sup>4</sup> Banding	Black <sup>5</sup> Banding	Field Museum <sup>6</sup> Window-kill collection	BBS Trend
Virginia Rail	0	0	0	0	0	0	1	0
Sora	0	0	0	0	0	0	1	0
Solitary Sandpiper	0	6	0	0	0	0	0	-
American Woodcock	1	2	0	0	0	0	2	0
Mourning Dove	0	1	2	0	0	0	1	0
Black-billed Cuckoo	0	0	0	1	1	4	0	-
Ruby-throated Hummingbird	0	43	19	0	0	73	0	+
Belted Kingfisher	0	2	0	0	0	0	0	-
Downy Woodpecker	1	1	0	0	1	1	0	0
Northern Flicker	2	1	0	0	1	0	1	-
Eastern Kingbird	0	0	0	0	0	2	0	-
Alder Flycatcher	2	0	0	0	0	0	0	n/a
Willow Flycatcher	3	0	1	0	0	0	0	n/a
Trail's Flycatcher	12	18	3	24	1	69	1	+
Eastern Phoebe	0	2	0	2	0	0	0	+
White-eyed Vireo	0	2	3	0	0	11	0	0
Blue Jay	5	28	4	77	0	55	0	-
Tree Swallow	0	4	4	0	0	4	0	0
Northern Rgh-wngd Swallow	0	4	0	0	0	0	0	0
Barn Swallow	0	17	0	0	0	0	2	-
Black-capped Chickadee	8	5	6	133	2	0	0	+
Tufted Titmouse	0	1	4	0	0	0	0	+
Carolina Wren	0	2	3	0	0	2	0	+
House Wren	0	13	2	15	0	56	1	+
Sedge Wren	0	0	0	0	0	0	2	+
Blue-gray Gnatcatcher	1	1	2	12	0	25	0	0
American Robin	1	2	6	12	2	2	0	+
Gray Catbird	97	64	178	121	28	441	14	-
Brown Thrasher	0	2	1	2	0	0	0	-
European Starling	0	0	0	1	0	0	6	-
Cedar Waxwing	0	54	8	7	0	7	0	+
Blue-winged Warbler	8	5	0	15	0	17	0	0
Golden-winged Warbler	4	1	0	4	0	2	1	-
"Lawrence's" Warbler	0	0	0	1	0	0	0	n/a
"Brewster's" Warbler	0	2	0	0	0	1	0	n/a
Yellow Warbler	0	40	8	147	23	316	0	+
Chestnut-sided Warbler	7	19	1	23	2	140	0	-
Palm Warbler	1	2	1	45	16	105	2	+
Common Yellowthroat	79	39	87	136	6	432	23	-
Wilson's Warbler	16	24	9	50	1	141	3	0
Yellow-breasted Chat	0	1	3	2	0	10	0	0
Eastern Towhee	0	3	7	0	0	1	0	-
Chipping Sparrow	0	16	0	7	0	1	0	0
Clay-colored Sparrow	0	1	0	0	0	1	3	0
Field Sparrow	0	5	0	10	1	5	3	-
Savannah Sparrow	0	0	1	0	0	2	5	-
Grasshopper Sparrow	0	0	0	1	0	0	1	-
Nelson's Shp-tailed Sparrow	0	0	0	0	0	0	1	+
Fox Sparrow	0	0	0	0	8	0	0	0
Song Sparrow	1	0	3	7	1	6	1	-
Lincoln's Sparrow	0	5	12	49	0	66	20	0
Swamp Sparrow	5	17	37	15	2	170	0	+
White-throated Sparrow	47	17	151	152	28	350	16	-
White-crowned Sparrow	0	5	1	14	2	46	31	0
Northern Cardinal	8	4	9	7	0	13	0	0
Indigo Bunting	1	17	0	3	0	69	9	-
Red-winged Blackbird	0	20	2	2	0	23	0	-
Common Grackle	0	37	0	11	0	4	1	-
Brown-headed Cowbird	4	3	0	0	0	0	0	-
Orchard Oriole	0	4	0	0	0	1	1	0
Baltimore Oriole	2	9	4	23	4	48	2	-
Purple Finch	0	2	0	2	0	1	0	-
House Finch	0	0	0	1	0	0	1	+
Pine Siskin	0	4	0	0	0	0	0	0
American Goldfinch	0	171	9	57	4	65	0	0

1) Powdermill Nature Reserve (Powdermill) data represent total individual birds captured from 6-26 May, 2002.

2) Manomet Bird Observatory (Manomet) data represent total individual birds captured from 3-23 May, 2002.

3) Braddock Bay Bird Observatory (Braddock Bay) data represent total individual birds captured during all of May, 2002.

4) Atlantic Bird Observatory (Atlantic) data represent total individual birds captured during all of May, 2002.

5) Black Swamp Bird Observatory (Black Swamp) data represent total individual birds captured from 3-23 May, 2002 at the Navarre banding station.

6) Field Museum data represent total individual birds collected as windowkills during the month of May in 1999, 2000, and 2001 at McCormick Place in Chicago. Window-killed birds are collected there every weekday.

7) Breeding Bird Survey trend analysis was done using a linear route-regression analysis based on estimating equations using analytical tools found in Sauer et al (2001). Significant trends for captured birds were identified for the Eastern and Central BBS region from 1966-2000.

8) Adjusted data are calculated as the data that would have been generated with the same net effort as SWAMP.