food, might attempt to drive out or kill the younger or weaker ones, thereby thinning our the population and increasing the food supply. (paragraph ?)

It is regrettable that at the time most of this banding was done, skull ageing was not employed to age the birds in question, and wing measurements were not used to help determine sex. As I no longer have a titmouse habitat, perhaps someone, spurred on by my attempt at solving a behavior problem, will make a further study using today's ageing and sexing techniques.

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KEEPING RECORDS ON A LARGE BANDING OPERATION (Decoy Trap)-Harold E. Burtt

I keep my log by groups of birds, rather than by individuals. For example:

| 72-147321 - 335  | Cowbird  | ΛHY | M | 15 | 11-17-71 |
|------------------|----------|-----|---|----|----------|
| 336 - 345        | Cowbird  | HY  | M | 10 | 11-17-71 |
| 346 - 350        | Cowbird  | U   | F | 5  | 11-17-71 |
| 752-6171.8 - 732 | Redwing  | HY  | M | 15 | 11-17-71 |
| 733 - 745        | Starling | AHY | U | 13 | 11-17-71 |

My projects and hypotheses do not call for weighing and I take measurements only to determine sex (e.g. Grackles). To sort the birds for the above listing, I use two gathering cages with a slit of innertube on one side. In the above example, I take a bird from the gathering cage and if it is a cowbird AHY-M (1A) or a redwing HY-M (2) I band it. If it is a cowbird HY-M or U-F or starling, I put it in the second cage. After the first cage is empty, I turn to the second cage and band cowbird HY-M and starling, but put cowbird U-F in another cage. Finally, I band the cowbird U-F. Sorting requires only a few seconds per bird but saves a lot of paperwork. In an  $8\frac{1}{2}$ " x ll" loose-leaf notebook, I can get three columns on a page, but even so, after eight years at it, I'm on page 155 of my running log. I also keep a log by band sizes and one by species in two separate notebooks. Cardboard inserts with marginal tabs facilitate locating anything desired. These supplementary logs require some work but are a tremendous saving in analyzing data.

For repeats I use 3" x 5" slips -- one slip for each repeater. It gives bird, age, sex, band number, date banded and the date for each repeat. (One grackle repeated 70 times). The slips can be sorted for various types of analysis. A similar procedure is used for returns (after 90 days). For recoveries, I use the IBM cards which can be sorted easily. After all, I have only about 1100 of these.

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## Atlantic Flyway Review



## REGION III by Robert Dewire

Region III covers all the banding stations on Long Island, New York and one station in Westport, Connecticut. Ieroy Wilcox, who has operated a station at Tiana Beach in Suffolk County sent me a note that he did not operate his station this fall, but plans to resume operations in 1972.

The fall migration was not, in many ways, a good one in this region. The weather remained warm and virtually no strong cold fronts passed through the region. The weather was abnormally warm through October, in fact, in the New York region the average temperature for the month of October was just over 58° which was about five degrees warmer than any previous October since average monthly temperatures have been kept (1904). This warm weather persisted right to the end of the year. The syrtle warbler and sparrow flights were at their peak during the early part of the second week of October (9-13).

August was generally hot and quite dry, with little movement of migrants recorded. September was warm but with several periods of rain. North-northwest winds on Sept. 18-19 and 24-25 produced noticeable flights at several stations. Only two stations, Manorville and Westport commented on the thrush flight and both felt it was poor.

A brief station summary in table form is as follows:

| A brief station summary in table form is as follows:  |                  |                                      |  |                                       |                                |  |  |  |  |
|---|------------------|--------------------------------------|--|---------------------------------------|--------------------------------|--|--|--|--|
|   | Manorville, N.Y. | Brookhaven, N.Y*                     | Tobay Beach, NY                          | Atlantic Beach<br>New York            | Westport, Conn.                |  |  |  |  |
| Days of Operation No. of nets used No. birds banded No. birds banded in '70 No. different species Birds/100 net hours | 000              | 96<br>14<br>2564<br>2084<br>84<br>79 | 31<br>15-25<br>5774<br>4906<br>90<br>140 | 92<br>7<br>1934<br>22 <b>11</b><br>85 | 53<br>3<br>841<br><br>63<br>66 |  |  |  |  |

<sup>\*</sup>All data based on banding over the period: August 23 to December 19.