Ebba News
EASTERN BIRD-BANDING ASSOCIATION NEWS LETTER

WILL WE SEE YOU
AT THE
ANNUAL MEETING?

NOVEMBER 1950
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November 1950

BANDING 349 CARDINALS
by Horace Groskin

My banding station is located at Ardmore, Montgomery County, Pennsylvania. The Eastern Cardinal, *Cardinalis cardinalis*, is a permanent resident at my station throughout the year, and several pairs of these birds breed on our property, raising two to three broods each year. The earliest date at which I have observed nestlings leave the nest was on May 1, 1939. During the winter months, I have had as many as 15 to 18 Cardinals at our feeders at one time, feeding on sunflower seeds. By consulting Table 1, it may be noted that I banded from 15 to 40 Cardinals each year from 1937 to 1950. My average for the 14 years is about 25 per year.

TABLE I
CARDINALS BANDED AT ARDMORE, PENNA.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>NUMBER BANDED</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/12/37 to 12/28/37</td>
<td>21</td>
</tr>
<tr>
<td>1/17/38 to 12/15/38</td>
<td>23</td>
</tr>
<tr>
<td>1/14/39 to 11/20/39</td>
<td>23</td>
</tr>
<tr>
<td>3/26/40 to 12/31/40</td>
<td>25</td>
</tr>
<tr>
<td>1/20/41 to 11/22/41</td>
<td>19</td>
</tr>
<tr>
<td>1/11/42 to 12/6/42</td>
<td>26</td>
</tr>
<tr>
<td>1/3/43 to 12/31/43</td>
<td>24</td>
</tr>
<tr>
<td>1/8/44 to 12/27/44</td>
<td>15</td>
</tr>
<tr>
<td>1/6/45 to 9/22/45</td>
<td>40</td>
</tr>
<tr>
<td>1/27/46 to 12/14/46</td>
<td>30</td>
</tr>
<tr>
<td>1/1/47 to 12/7/47</td>
<td>15</td>
</tr>
<tr>
<td>3/20/48 to 11/21/48</td>
<td>27</td>
</tr>
<tr>
<td>2/14/49 to 11/11/49</td>
<td>31</td>
</tr>
<tr>
<td>3/12/50 to 10/7/50</td>
<td>22</td>
</tr>
</tbody>
</table>

SEX RATIO

Of the 361 Cardinals banded, 21 immatures were not determined as to sex, and of the remaining 340 Cardinals, 169, or 49.7 percent, were males and 171, or 50.3 percent, were females. 70 of the 169 males were immatures while 68 of the 171 females were immatures, and 21 immatures were not determined.