

## BIRD MORTALITY AT BIRMINGHAM CEILOMETER

List of birds picked up dead around the Ceilometer at Birmingham Municipal Airport, Alabama, October 8, 1954, by Thomas A. Imhof and F. Bozeman Daniel:

1. Tennessee Warbler .....	198
2. Olive-backed Thrush .....	135
3. Ovenbird .....	135
4. Chestnut-sided Warbler .....	119
5. Magnolia Warbler .....	118
6. Indigo Bunting .....	103
7. Red-eyed Vireo .....	102
8. Scarlet Tanager .....	52
9. Gray-cheeked Thrush .....	41
10. Philadelphia Vireo .....	39
11. Bay-breasted Warbler .....	39
12. Common Yellowthroat .....	32
13. Wood Thrush .....	28
14. Black and White Warbler .....	27
15. Canada Warbler .....	19
16. Black-throated Green Warbler .....	14
17. Blackburnian Warbler .....	14
18. Am. Redstart .....	13
19. Yellow-throated Vireo .....	11
20. Catbird .....	7
21. Nashville Warbler .....	6
22. Rose-breasted Grosbeak .....	6
23. Kentucky Warbler .....	4
24. Hooded Warbler .....	4
25. Veery .....	2
26. Worm-eating Warbler .....	2
27. Northern Water-thrush .....	2
28. Yellow-breasted Chat .....	2
29. Bobolink .....	2
30. Summer Tanager .....	2
31. Dickcissel .....	2
32. Sora .....	1
33. Flycatcher .....	1
34. Blue-Winged Warbler .....	1
35. Black-capped Warbler .....	1
36. Baltimore Oriole .....	1
Total individuals .....	1,283

I estimate that I got 80% of the birds and that the total involved was about 1,600 birds. All the Tennessees were thoroughly searched for possible Orange-crowns. Three of the Gray-cheeks were saved which were the smallest (7 in.) and will probably prove to be Bicknell's. The two Northern Water-Thrushes are different, one being very yellow and the other very white on the belly. One of them will probably prove to be a Grinnel's. The Flycatcher is probably a Least. The big surprise was the Dickcissels (very late) and the Philadelphia Vireos show how easily a species can be overlooked as we had 2 previous records in Fall for the Birmingham region. Except for the above two species most are listed in about the order of abundance we have found them here in the field at this season. The following proved to be later than ever recorded here: Veery, Philadelphia Vireo, Worm-eating Warbler, Blue-winged Warbler, Black-capped Warbler, Canada Warbler, Baltimore Oriole and Dickcissel.

Everything indicates that the birds were blinded by the ceilometer and flew into the ground. All birds examined showed head injuries. The ceiling was from 3,000 to 2,400 ft., wind varied from ENE to ESE from 6-12 mph., Temp. 65° to 54°.—Thomas A. Imhof, 307 38th St., Fairfield, Ala.