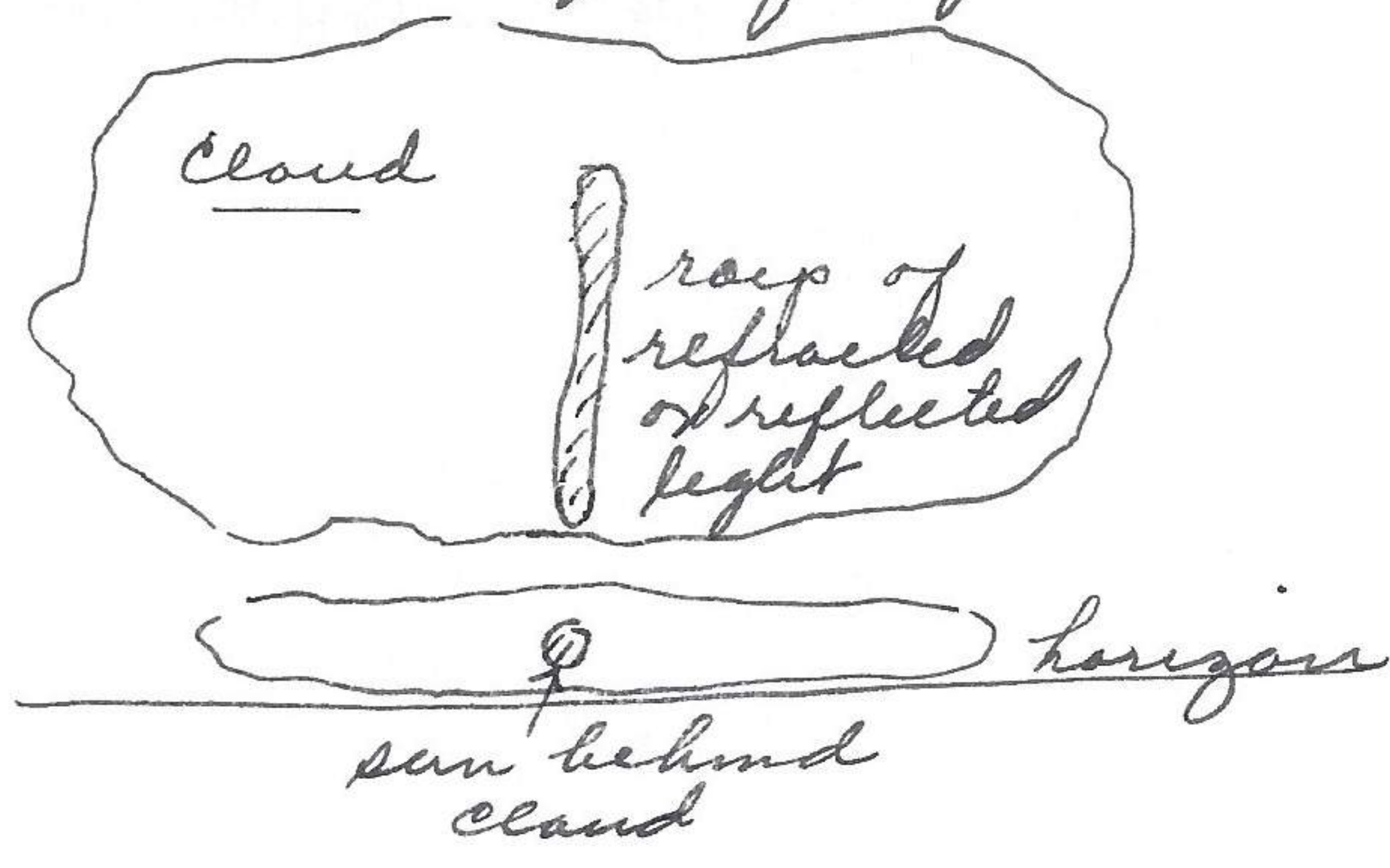


This evening at sundown observed a reflection on clouds never witnessed before. a narrow shaft of light lined the clouds, but not as a result of rays from a hole in the clouds as is true with some corpuscular rays. In



field about 200 feet west of above marsh counted 73 piles of dirt from gopher holes in a 115 linear line. The piles ranged from 1 pint capacity to 1 gal capacity.

In the area of dike in this field there were runways of *Microtus ochrogaster* in slough grass, ^{new growth} that was burned last summer. Before the burning the runways were used by *Signadon*. The trails were filled with snow. Some runways of *M. ochrogaster* in field that was also burned last spring and now grown to *Lespedeza* and high weeds.

1 1/10 mi. N and 1 2/10 mi. E Clinton (center of town), Douglas Co., Kansas.

Dec. 31, 1963

Collected mammals from traps set last night (temp. 8°F at 8:00 A.M.):

| | | |
|---------------------------------|--------------------------------|---------------|
| 1 <i>Microtus ochrogaster</i> | 35 not sprung | 69 not sprung |
| 2 not sprung | 36 " " | 70 " " |
| 3 sprung | 37 " " | 71 " " |
| 4 not sprung | 38 " " | 72 " " |
| 5 " " | 39 " " | 73 " " |
| 6 <i>Microtus ochrogaster</i> | 40 " " | 74 " " |
| 7 sprung | 41 " " | 75 not sprung |
| 8 not sprung <i>Synaptomys?</i> | 42 <i>Microtus ochrogaster</i> | 76 " " |
| 9 sprung | 43 not sprung | 77 " " |
| 10 not sprung | 44 " " | 78 " " |
| 11 sprung | 45 " " | 79 " " |
| 12 sprung | 46 " " | 80 " " |
| 13 not sprung | 47 " " | 81 " " |
| 14 <i>Microtus ochrogaster</i> | 48 " " | 82 " " |
| 15 not sprung | 49 sprung | 83 " " |
| 16 " " | 50 not sprung | 84 " " |
| 17 " " | 51 sprung | 85 " " |
| 18 " " | 52 not sprung | 86 " " |
| 19 " " | 53 sprung | 87 " " |
| 20 sprung | 54 not sprung | 88 " " |
| 21 not sprung | 55 " " | 90 " " |
| 22 sprung | 56 " " | 91 " " |
| 23 sprung | 57 " " | 92 " " |
| 24 sprung | 58 " " | 93 " " |
| 25 not sprung | 59 " " | 94 " " |
| 26 " " | 60 " " | 95 " " |
| 27 sprung | 61 " " | 96 " " |
| 28 not sprung | 62 <i>Signadon</i> | 97 " " |
| 29 " " | 63 not sprung | 98 " " |
| 30 sprung | 64 " " | 99 " " |
| 31 not sprung | 65 " " | 100 " " |
| 32 " " | 66 " " | |
| 33 <i>Synaptomys cooperi</i> | 67 " " | |
| 34 not sprung | 68 " " | |

Summary:
4 *Microtus ochro*
2 *Synaptomys*
1 *Signadon*